



## DEPARTMENT OF ORTHOPAEDIC SURGERY

RAWALPINDI MEDICAL UNIVERSITY,  
& ALLIED TEACHING HOSPITALS,  
RAWALPINDI

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# ANNUAL REPORT 2012-21



## **PROF DR RIAZ AHMED**

**MBBS,MS (ORTHO), FRCS(UK),FICS(USA),FACS(USA)  
DEAN ORTHOPAEDICS NEUROSURGERY &  
TRAUMA  
HEAD OF ORTHOPAEDIC SURGERY  
RAWALPINDI MEDICAL UNIVERSITY,  
& ALLIED TEACHING HOSPITALS, RAWALPINDI**



# OVERVIEW

Prof. Dr. Riaz Ahmed is a renowned Consultant Orthopaedic Surgeon working as Dean Orthopaedics, Neurosurgery & Trauma, Head of Orthopaedics, Rawalpindi Medical University & Allied Teaching Hospitals, Rawalpindi, Pakistan. He is a fellow of prestigious International Orthopaedic organizations like Royal College of Physicians and Surgeons of Glasgow, American College of Surgeons and International College of Surgeons (USA). Due to his untiring efforts, the Department of Orthopaedics, Benazir Bhutto Hospital, Rawalpindi was recognized for Pakistan Orthopaedic Association (POA) Trauma Fellowship on 24<sup>th</sup> July 2017. Uptil now 5 Orthopaedic surgeons have completed their POA Trauma Fellowship.

The standard of training has been such that highest number of residents have cleared FCPS and MS Orthopaedic Surgery examination under his mentorship. His devotion to research has been such that under his leadership, the Department of Orthopaedics won International and National research awards. One International award at the Asia Pacific Orthopaedic Association Meeting, Putrajaya, Malaysia (2017) and the other at European Federation of Orthopaedics & Traumatology (EFORT), Spain (2018). Two National research awards awarded by the President of Pakistan at the 1<sup>st</sup> Pakistan Annual Health Research Conference held in Islamabad, Pakistan (2018).

The Department has been providing state of the art Orthopaedic services to the patients coming from all over Pakistan. The Orthopaedic procedures include Trauma, Arthroplasty, Pediatrics, Deformity correction and Arthroscopies. The 70-bedded Department comprises of 4 elective and 1 emergency operation theatre. The work load is managed by a unique team system comprising of a senior registrar, post-graduate trainees and house officers under supervision of a consultant Orthopaedic covering all stations including Outpatient department (OPD), emergency, wards and elective operation theatres round the clock. By doing so, all Orthopaedic patients were provided the Internationally required services. The operation theatres were upgraded to higher aseptic standards and the Infection rate was as per with the International standards and it was well appreciated by the Honorable Vice Chancellor, Administration, International and National Orthopaedic Community.





# OVERVIEW

The Department of Orthopaedics, Rawalpindi Medical University is conducting under- and post-graduate training programs, which include FCPS (Orthopaedic Surgery), MS (Orthopaedic Surgery), POA Trauma Fellowship, Doctor of Physical Therapy (DPT) and BS (Orthotics & Prosthetics). The Department is actively involved in educational activities, like the formation of curriculum, hands-on training workshops, seminars and symposias. Research has always been a major focus of attention for the Department. The Department has more than 50 International and National peer-reviewed publications.

The Department has collaboration with welfare societies like Pakistan Hemophilia Foundation and Pakistan Thalassaemia Welfare Society. The Department has a welfare program for the deserving non-affording patients, where they are provided implants arranged by the donor agencies, relatives of doctors, Zakat and Bait-ul-Maal. These patients are provided best quality imported implants. A system was evolved for the provision of best quality implants for the patients. The implant companies were accredited according to ISO and were registered with the Orthopaedic Department after taking consent from the administration.



**PROFESSOR DR**

**MUHAMMAD UMAR (S.I)**

**VICE CHANCELLOR  
RAWALPINDI MEDICAL UNIVERSITY**

# MESSAGE OF THE VICE CHANCELLOR

Honored by giving this message on the





# DEPARTMENT OF ORTHOPAEDICS





# FACULTY ORTHOPAEDIC SURGERY



**PROF DR RIAZ AHMED**  
Dean Orthopaedics Neurosurgery & Trauma



**DR. ZUBAIR JAVED**  
ASSOCIATE PROFESSOR



**DR. OBAID-UR-REHMAN**  
ASSISTANT PROFESSOR



**DR. RAHMAN RASOOL AKHTAR**  
SENIOR REGISTRAR



**DR. ADNAN M. RANA**  
SENIOR REGISTRAR



**DR. JUNAID KHAN**  
SENIOR REGISTRAR



**DR. OMER KALEEM**  
SENIOR REGISTRAR



**DR. NABEEL SABIR**  
SENIOR REGISTRAR



**DR. AAMIR NAWAZ KHAN**  
SENIOR REGISTRAR





# DEPARTMENT OF ORTHOPAEDIC SURGERY



**DR. DR ISLAM UD DIN**  
Medical Officer



**DR. RIZWAN MALIK**  
Senior Medical Officer



**DR. ALI ULLAH**  
Post Graduate Trainee



**DR. BILAL KHAN**  
Post Graduate Trainee



**DR. FAHAD AMIN**  
Post Graduate Trainee



**DR. M USMAN RAFIQUE**  
Post Graduate Trainee



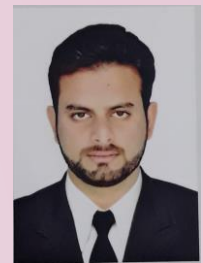
**DR HUMAYUN**  
Post Graduate Trainee



**DR. ZULFIQAR ABBASI**  
Post Graduate Trainee



**DR. MOBEEN BASHIR**  
Post Graduate Trainee



**DR. RIAZ MUNAWAR**  
Post Graduate Trainee



# DEPARTMENT OF ORTHOPAEDIC SURGERY



**DR. HUSSAIN ALI**  
Post Graduate Trainee



**DR. UMER SHAFIQUE**  
Post Graduate Trainee



**DR. AHMED KHAN DILAWAR**  
Post Graduate Trainee



**DR. ADEEL AFZAL**  
Post Graduate Trainee



**DR. ABDUL MALIK**  
Post Graduate Trainee



**DR. WAQAS AWAN**  
Post Graduate Trainee



**DR. ZULFIQAR ABBASI**  
Post Graduate Trainee



**1<sup>ST</sup>**

**Ranked Medical  
University in  
Pakistan**

**World (401-600)**

**THE Times Higher Education  
(THE) UNIVERSITY RANKINGS**

**2021**

**1<sup>ST</sup>**

**BEST MEDICAL UNIVERSITY**

**In Times Higher Education  
(THE) Impact Rankings 2021**

**Prof. Dr. Riaz Ahmed**  
Chairman RMU Ranking





**INTERNATIONAL FELLOWSHIPS  
BY  
DEPARTMENT OF ORTHOPAEDIC SURGERY  
UNDER SUPERVISION AND MENTORSHIP  
OF  
PROF DR RIAZ AHMED**



**SICOT FELLOWSHIP  
(GERMANY)  
HIP & KNEE REPLACEMENT  
2018**



**SICOT FELLOWSHIP  
(GERMANY)  
HIP & KNEE  
REPLACEMENT  
2018**



**AO FELLOWSHIP  
(GERMANY)  
2019**



**SICOT FELLOWSHIP  
(GERMANY)  
2020**



**KOA FELLOWSHIP  
(SOUTH KOREA)  
2019**





**AO FELLOWSHIP  
(GERMANY)  
2020**



# POA TRAUMA FELLOWSHIPS



**Dr. Muhammad Sheraz**



**Dr. Umar Liaqat**



**Dr. Rana M. Adnan**



**Dr. Rahman Rasool Akhtar**



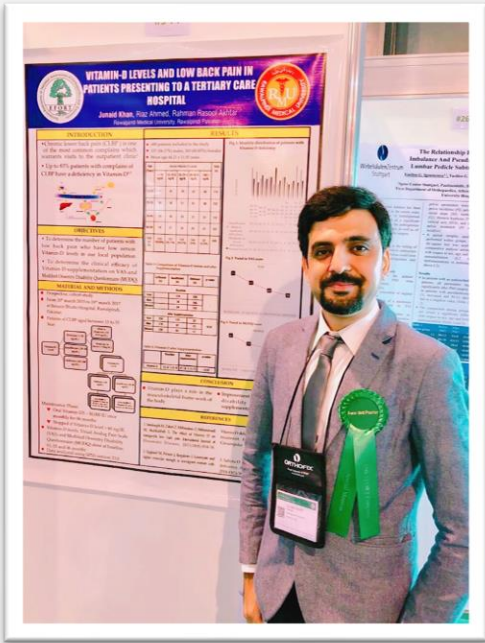
**Dr. Aamir Nawaz Khan**



**INTERNATIONAL AND NATIONAL AWARDS  
WON BY  
DEPARTMENT OF ORTHOPAEDIC SURGERY  
UNDER SUPERVISION AND MENTORSHIP  
OF  
PROF DR RIAZ AHMED**



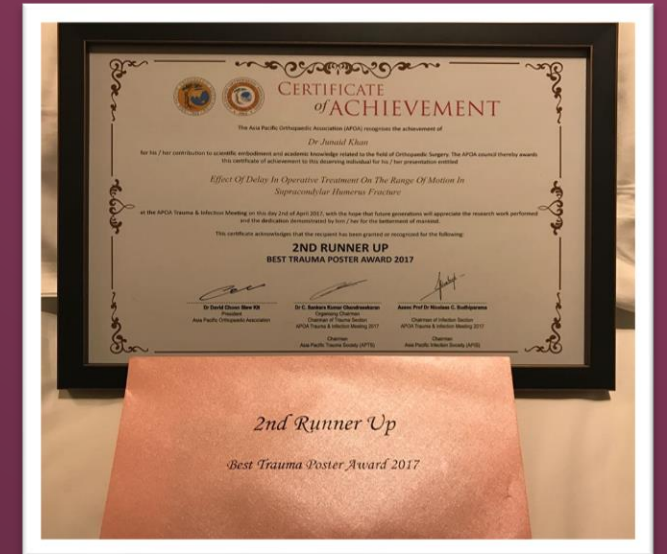
# INTERNATIONAL AWARDS



**BEST TRAUMA POSTER AWARD**  
**19<sup>th</sup> EFORT CONGRESS**  
Barcelona, Spain  
30<sup>th</sup> May 2018



**BEST TRAUMA POSTER AWARD**  
Asia Pacific Orthopaedic Association  
(APOA) Meeting 2017, Malaysia on  
2nd April 2017



# NATIONAL AWARDS



**Best Podium & Poster Presentation Awards**

**1<sup>st</sup> Annual Health Research Conference**

**Islamabad Pakistan**

**September 24-25, 2018**



**Best Podium Presentation Award**

**4<sup>th</sup> Rawalpindi Medical University**

**International Scientific**

**Conference**

**Rawalpindi, Pakistan**

**March, 2019**





**RESEARCH PUBLICATIONS  
UNDER SUPERVISION AND MENTORSHIP  
OF  
PROF DR RIAZ AHMED**



# LIST OF PUBLICATIONS



Sr. No.	Title	Principal investigator	Investigator	Name of Journal Issue / Volume number
1.	Effect of pre-operative serum vitamin-D levels on post-operative outcome in total knee arthroplasty.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Journal of Postgraduate Medical Institute (North America) 2019;33(1):74-78.
2.	Comparison between Intra-articular and Intravenous Tranexamic acid application in primary unilateral knee joint replacement.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Pak Armed Forces Med J. 2018;68(4):827-33.
3.	Risk factors of infection in total knee arthroplasty.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Journal of Rawalpindi Medical College (JRMC). 2017;21(3):253-256.
4.	Effect of delay in operative treatment on the range of motion in Supracondylar humerus fracture.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Journal of Rawalpindi Medical College (JRMC). 2017;21(1):51-56.

# LIST OF PUBLICATIONS



Sr. No.	Title	Principal investigator	Investigator	Name of Journal Issue / Volume number
5.	Are radiographs necessary before kirschner wire removal in supracondylar fracture of humerus in children who have undergone operative procedure?	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Journal of Rawalpindi Medical College (JRMC). 2016;20(3):188-92.
6.	Markers for assessment of derangement in liver function in Hepatitis C patients undergoing orthopaedic procedures in a tertiary care hospital.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Journal of Rawalpindi Medical College (JRMC). 2016;20(4):93-96.
7.	Epidemiology of trauma patients presenting to Orthopaedic department in a tertiary care hospital.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Journal of Pakistan Orthopaedic Association (JPOA). 2016;28(2):60-63.
8.	Cystic Hygroma in Elderly	Prof. Dr. Riaz Ahmed	Junaid Khan, Akhtar	Journal of Rawalpindi Medical College (JRMC). 2016;20(2):155-56.

# LIST OF PUBLICATIONS



Sr. No.	Title	Principal investigator	Investigator	Name of Journal Issue / Volume number
9.	Comparison of local steroid injection and surgical decompression in treatment of carpal tunnel syndrome.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Isra medical journal (IMJ). 2017;9(1):29-33.
10.	A comparison of cemented with hybrid total hip arthroplasty in terms of functional outcome.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Isra medical journal (IMJ). 2017;9(4):257-60.
11.	Vitamin-D levels and low back pain; patients presenting to a tertiary care hospital of Pakistan.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Professional Med J. 2018;25(4):615-19.
12.	Humeral shaft fractures; Functional outcome of operative management of humeral shaft fractures.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Professional Med J. 2018;25(12):1809-13.





# LIST OF PUBLICATIONS

Sr. No.	Title	Principal investigator	Investigator	Name of Journal Issue / Volume number
13.	Plantar Fasciitis; Intra-lesional steroid injections versus intra-lesional autologous blood injections.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Professional Med J. 2019;26(1):30-34.
14.	K-wires fixation versus plating in metacarpal and phalangeal fractures: A randomized control trial to compare the range of motion after these modes of treatment.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Isra medical journal (IMJ). 2018;10(2):70-73.
15.	Comparison of functional outcome in Mayo elbow performance score in olecranon fractures after treatment with tension band wiring and locking compression plate.	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Pak Armed Forces Med J. 2018;68(5):1256-59.
16.	Prevalance of Hepatitis 'B' and 'C' and importance of coagulation profile in patients presenting to Orthopaedic ward of a tertiary care hospital	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Pakistan Journal of Public Health, 2019;9(3):132-134.

# LIST OF PUBLICATIONS



Sr. No.	Title	Principal investigator	Investigator	Name of Journal Issue / Volume number
17.	Effect of Vitamin-D supplementation in adults presenting with chronic lower back pain	Rahman Rasool Akhtar	Riaz Ahmed, Aamir Nawaz Khan	Journal of Rawalpindi Medical College (JRMC). 2020;24(2):161-165.
18.	Outcome of minimally invasive percutaneous plate osteosynthesis technique for management of extra articular distal tibial fractures	Rahman Rasool Akhtar	Riaz Ahmed, Aamir Nawaz Khan	Journal of Rawalpindi Medical College (JRMC). 2021;25(1):107-111
19.	A study of Congenital Talipes Equinovarus. Thesis submitted for Master of Surgery examination of Post Graduate Medical Institute Lahore Pakistan.	Prof. Dr. Riaz Ahmed		Post Graduate Medical Institute Lahore Pakistan 1990.
20.	Turco's one stage Posteromedial Release for Congenital Talipes Euniouvarus in Lahore General Hospital	Prof. Dr. Riaz Ahmed		Journal of Pakistan Orthopaedic Association (JPOA). 1992;2:67-76

# LIST OF PUBLICATIONS



Sr. No.	Title	Principal investigator	Investigator	Name of Journal Issue / Volume number
21.	Resection of Clavicle, Technique and Results after Surgery	Prof. Dr. Riaz Ahmed	Journal of Pakistan Orthopaedic Association (JPOA).	1993;2(7):32-35
22.	Interlocking Intramedullary Nailing of the Tibia	Prof. Dr. Riaz Ahmed	Journal of Pakistan Orthopaedic Association (JPOA).	1997;9:20-22
23.	Management of Fracture Ulnar Styloid Process	Prof. Dr. Riaz Ahmed	Pakistan Journal of Hand Surgery	1999;1:52-55
24.	Spinal Tuberculosis (Review Article)	Prof. Dr. Riaz Ahmed	Journal of Pakistan Orthopaedic Association (JPOA).	2003;15(2):73-90
25.	Diagnostic criteria for Early Tuberculosis Spondylitis by Magnetic Resonance Imaging;	Prof. Dr. Riaz Ahmed	Journal of Pakistan Orthopaedic Association (JPOA).	2004;16(1):1-17





# LIST OF PUBLICATIONS

Sr. No.	Title		Principal investigator	Investigator	Name of Journal Issue / Volume number
26	Follow up of earthquake victims in Remote hospital using telemedicine	Prof. Dr. Riaz Ahmed		Journal of Pakistan Orthopaedic Association (JPOA).	2006;18(1): 59-62
27	Hospital Anti-Infective Audit for Pakistan	Prof. Dr. Riaz Ahmed		IMS International	1994
28	Role of Muscle Relaxants (Tizanidine) in Painful Muscle Spasm	Prof. Dr. Riaz Ahmed		Annual of PIMS, Pakistan Institute of Medical Sciences, Islamabad	2010;7(1):20-23
29	Scintigraphy in diagnosis of Acute Bone Infections.	Prof. Dr. Riaz Ahmed		Infections Diseases Journal of Pakistan	2010;29-41
30	Hesitancy In Getting COVID-19 Vaccine – An Alarming Concern	Prof. Dr. Riaz Ahmed		Journal of Rawalpindi Medical College (JRMC).	2021.
31	Impact Of Covid Pandemic On The Mental Well-Being Of Orthopaedic Patients – A Single-Centre Study	Prof. Dr. Riaz Ahmed	Junaid Khan, Rahman Rasool Akhtar	Journal of Rawalpindi Medical College (JRMC).	2021.

# RESEARCH PROJECTS UNDER PUBLICATION



SR #	TITLE	DATE	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR
1	ROLE OF INTRA WOUND ANTIBIOTICS IN OPEN FRACTURE OF TIBIA	2020-21	DR. SHAHZAD FARID	PROF.DR. RIAZ AHMED
2	COMPARISON BETWEEN PROXIMAL FEMORAL NAIL AND DYNAMIC HIP SCREW IN INTERTROCHANTERIC FEMUR FRACTURE	2020-21	DR. M. AZEEM	PROF.DR. RIAZ AHMED
3	MRSA SWABS RESULTS DID NOT CHANGE TREATMENT OR OUT COME IN PAEDIATRIC SPINAL FUSION PATIENTS	2020-21	DR. WAJID AHMED	PROF.DR. RIAZ AHMED
4	COMPRESSION OF EXTERNAL ROTATION VERSUS INTERNAL ROTATION IMMOBILIZATION OF SHOULDER AFTER SHOULDER DISLOCATION	2020-21	DR. WAQAS KHAN	PROF. DR. RIAZ AHMED
5	COMPARISON OF LOSS OF REDUCTION IN DISPLACED DISTAL RADIUS FRACTURE IN CONSERVATIVE TREATMENT AND K-WIRE	2020-21	DR. WAQAS AHMED	PROF. DR. RIAZ AHMED
6	PRE OPERATIVE INTRA VENOUS METHYL PREDNISOLONE DECREASES POST OPERATIVE PAIN IN PER TROCHANTERIC FEMUR FRACTURE SURGERY	2020-21	DR. FAKHAR SADAAT	PROF.DR. RIAZ AHMED
7	EFFICACY OF ACCELERATED PONSETI METHOD IN MANAGEMENT OF CLUBFOOT	2020-21	DR. FAHEEM KAUSAR	PROF.DR. RIAZ AHMED
8	THE FREQUENCY OF UNION IN OPEN TIBIAL FRACTURE WITH UNDREAMED INTRAMEDULLARY INTERLOCKING NAIL	2020-21	DR. AHMED JAVED	PROF.DR. RIAZ AHMED
9	TO COMPARE THE POST OPERATIVE LOSS OF REDUCTION IN LATERAL ENTRY VERSUS MEDIAL LATERAL ENTRY PIN FIXATION IN THE MANAGEMENT OF SUPRACONDYLAR HUMERUS FRACTURE	2020-21	DR. ALI ULLAH	PROF.DR. RIAZ AHMED
10	COMPARISON OF CLOSED VERSUS OPEN INTERLOCKING NAIL FEMUR IN TERMS OF INFECTION AND DURATION OF SURGERY	2020-21	DR. ABDUL MALIK	PROF.DR. RIAZ AHMED

# RESEARCH PROJECTS UNDER PUBLICATION



SR #	TITLE	DATE	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR
11	COMPARISON OF MEAN TIME TO WALK INDEPENDENTLY IN CHILDREN SUFFERING FROM FEMORAL SHAFT FRACTURES TREATED WITH TITANIUM ELASTIC NAILING VS HIP SPICA CAST	2020-21	DR. RIZWAN MALIK	PROF.DR. RIAZ AHMED
12	COMPARISON OF FUNCTIONAL OUTCOME IN OLECRANON FRACTURE AFTER TREATMENT WITH TENSION BAND WIRING VERSUS LOCKING COMPRESSION PLATE IN TERMS OF MAYO ELBOW SCORE	2020-21	DR. JIBRAN BIN ILYAS	PROF.DR. RIAZ AHMED
13	COMPARISON OF VOLAR PLATE AND EXTERNAL FIXATOR IN INTRA-ARTICULAR DISTAL RADIUS FRACTURES IN TERMS OF FUNCTIONAL OUTCOME	2020-21	DR. ADEEL AFZAL	PROF.DR. RIAZ AHMED
14	COMPARISON OF OUTCOME OF PROXIMAL FEMORAL LOCKING COMPRESSION PLATE VERSUS DYNAMIC HIP SCREW IN INTERTROCHANTERIC FEMUR FRACTURE	2020-21	DR. BILAL KHAN	PROF.DR. RIAZ AHMED
15	CLOSE REDUCTION AND INTERNAL FIXATION FOR FRACTURE LATERAL CONDYLE HUMERUS IN CHILDREN	2020-21	DR. NUMAN MALIK	PROF.DR. RIAZ AHMED
16	A COMPARISON BETWEEN MANIPULATION UNDER ANESTHESIA VERSUS ARTHROSCOPIC CAPSULAR RELEASE FOR THE MANAGEMENT OF FROZEN SHOULDER	2020-21	DR. SHEHRYAR ZIA	PROF.DR. RIAZ AHMED
17	ROLE OF INTRAARTICULARTRANEXAMIC ACID IN PRIMARY TOTAL KNEE ARTHROPLASTY	2020-21	Dr. Haider Akhtar	PROF.DR. RIAZ AHMED
18	ORTHOTIC MANAGEMENT OF BURN CONTRACTURE OF WRIST AND HAND	2020-21	KIRAN SABA	PROF.DR. RIAZ AHMED
19	COMPARISON OF EFFECTIVENESS OF STATIC AND FUNCTIONAL ORTHOSIS IN CONGENITAL TALEPES EQUINOVARUS	2020-21	SUNDUS NADEEM	PROF.DR. RIAZ AHMED
20	ORTHOTIC INTERVENTION FOR TREMOR SUSPENSION AND INSTABILITY CONTROL IN PARKINSON PATIENT	2020-21	AQSA TANVEER	PROF.DR. RIAZ AHMED



# RESEARCH PROJECTS UNDER PUBLICATION



SR #	TITLE	DATE	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR
21	MANAGEMENT OF MINIMALLY DISPLACED FRACTURES OF RADIUS ULNA WITH BRACE AND CONVENTIONAL POP CAST	2020-21	SHAHNILA KANWAL	PROF.DR. RIAZ AHMED
22	ROLE OF FOOT ORTHOSIS IN PAIN MANAGEMENT AND CORRECTION OF DEFORMITIES IN RHEUMATOID ARTHRITIS	2020-21	SYEDA RUKHSAR KAZMI	PROF.DR. RIAZ AHMED
23	ROLE OF SPLINTAGE IN MANAGEMENT OF SPINA BIFIDA PATIENTS	2020-21	ANSA	PROF.DR. RIAZ AHMED
24	A RANDOM CONTROL TRIAL TO REVIEW THE EFFECTIVENESS OF TASK-SPECIFIC TRAINING WITH TRUNK RESTRAINT IN IMPROVING FUNCTIONAL OUTCOME AMONG PATIENTS WITH CHROMIC STROKE	2020-21	ZUBARIA TANVEER	PROF.DR. RIAZ AHMED
25	EFFECTIVENESS OF TRADITIONAL PHYSICAL THERAPY VERSUS TASK SPECIFIC TRAINING IN IMPROVING UPPER LIMB FUNCTIONS AMONG POST STROKE PATIENTS	2020-21	RABIA SOHAIL	PROF.DR. RIAZ AHMED
26	PREVALENCE OF MOVEMENT DISORDERS AMONG POST STROKE PATIENTS	2020-21	ZARTASHA SEEMAB	PROF.DR. RIAZ AHMED
27	COMPARISON OF PATELLAR MOBILIZATION WITH POPLITEUS RELEASE VS SORT WAVE DIATHERMY FOR PAIN MANAGEMENT IN KNEE OA	2020-21	MARVA AHMED	PROF.DR. RIAZ AHMED
28	COMPARISON OF ISOMETRIC EXERCISES AND STRETCHING WITH ERGONOMIC MODIFICATION VERSUS ISOMETRIC EXERCISES AND STRETCHING FOR MECHANICAL NECK PAIN	2020-21	NAFISAZAMURD	PROF.DR. RIAZ AHMED
29	COMPARISON OF GRAVITY ASSIST MI & GRAVITY ELIMINATING FACIAL EXERCISES WITH EMS IN BELLS PALSY	2020-21	IRUM IJAZ	PROF.DR. RIAZ AHMED
30	COMPARISON OF SCAPULAR AND SHOULDER MOBILIZATION WITH SHOULDER MOBILIZATION ALONE FOR THE MANAGEMENT OF ADHESIVE CAUSALITIES	2020-21	WAJIHA KHAN	PROF.DR. RIAZ AHMED

# RESEARCH PROJECTS UNDER PUBLICATION



SR #	TITLE	DATE	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR
31	EFFECTS OF MANUAL THERAPY VERSUS EXERCISE THERAPY IN PATIENTS WITH CHRONIC' LOW BACK PAIN	2020-21	SANA SHABEER	PROF.DR. RIAZ AHMED
32	COMPARISON OF AN LONTOPHORESIS WITH MYOFASCIAL RELEASE FOR PAIN MANAGEMENT IN PLANTAR FASCIITIS	2020-21	KAINAT AMEER	PROF.DR. RIAZ AHMED
33	EFFECTS OF CPM VS JOINT MOBILIZATION FOR FUNCTIONAL MOBILITY IN POST OPT TKR	2020-21	SAANIABATOOL	PROF.DR. RIAZ AHMED
34	EFFECTIVENESS OF INTERFERENTIAL THERAPY ALONG WITH JOINT MOBILIZATION V S INTERFERENTIAL THERAPY ALONE IN THE PAIN MANAGEMENT OF IMPINGEMENT SYNDROME	2020-21	NABIAFAROOQ	PROF.DR. RIAZ AHMED
35	COMPARISON OF OUTCOMES OF CONVENTIONAL PHYSICAL THERAPY VERSUS SPENOER MUSCLE ENERGY TECHNIQUE ON PAIN AND FUNCTIONAL DISABILITY IN ADHESIVE CAUSALITIES	2020-21	SHAFAGGHAFOOR	PROF.DR. RIAZ AHMED
36	EFFECT OF PIRIFORMIS RELEASE AND ULTRASOUND VERSUS PIRIFORMIS STRETCH AND ULTRASOUND ON PAIN AND FUNCTION IN PIRIFORMIS SYNDROME	2020-21	SHABANAAFZAL	PROF.DR. RIAZ AHMED
37	COMPARING THE EFFECTIVENESS OF MYOFASCIAL RELEASE THERAPY, WITH TENNIS BALL VERSUS THERAPEUTIC ULTRASOUND IN WATER IN THE PATIENTS OF PLANTAR FASCIITIS	2020-21	FATIMA MASOOD	PROF.DR. RIAZ AHMED
38	COMPARISON OF EFFECTIVENESS OF ULTRASOUND THERAPY VERSUS ECCENTRIC STRENGTHENING EXERCISES IN PATIENTS OF LATERAL EPICONDYLITIS	2020-21	KOMALAKHLAQ	PROF.DR. RIAZ AHMED
39	EFFECTIVENESS OF LUMBAR TRACTION AND EXTENSION EXERCISES VERSUS EXTENSION EXERCISES ALONE IN THE PATIENTS OF LOW BACK PAIN	2020-21	AMMARA MALIK	PROF.DR. RIAZ AHMED
40	COMPARISON OF OUTCOMES OF CERVICAL EXERCISES COMBINE WITH CERVICAL TRACTION VERSUS CERVICAL EXERCISES ALONE IN PATIENTS OF CERVICAL SPONDYLOSIS	2020-21	AQSA ANWAR	PROF.DR. RIAZ AHMED

# RESEARCH PROJECTS UNDER PUBLICATION



SR #	TITLE	DATE	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR
41	EFFECTIVENESS OF RIPPLE MATTRESS VERSUS POSITIONING FOR PREVENTION OF BED SORES	2020-21	FAIZA KHALID	PROF.DR. RIAZ AHMED
42	COMPARISON OF ISOMETRIC EXERCISES AND STRETCHING WITH ERGONOMIC MODIFICATIONS VERSUS STRETCHING'S ALONE FOR MECHANICAL LOW BACK PAIN IN NURSES	2020-21	OANIAARIF	PROF.DR. RIAZ AHMED
43	GLOBAL POSTURAL REEDUCATION VERSUS CORE STABILIZATION EXERCISES FOR THE TREATMENT OF MECHANICAL NECK PAIN	2020-21	AMARA PARVEEN	PROF.DR. RIAZ AHMED
44	EFFECTIVENESS OF PASSIVE STRETCHING'S ALONE WITH ELECTRICAL STIMULATION VERSUS PASSIVE STRETCHING'S FOR TREATMENT OF JOINT CONTRACTURES	2020-21	NIDA KHAN	PROF.DR. RIAZ AHMED
45	EFFECTIVENESS OF NEUROMUSCULAR ELECTRICAL STIMULATION ALONG WITH FACIAL EXERCISES VERSUS NEUROMUSCULAR ELECTRICAL STIMULATION ALONE FOR THE TREATMENT OF BELRS PALSY	2020-21	MAHNOOR HANIF	PROF.DR. RIAZ AHMED
46	EFFECTIVENESS OF TRANSOUTANEOUS ELECTRICAL NERVE STIMULATION PLUS CONVENTIONAL THERAPY VERSUS GRADE 1 8C 2 JOINT MOBILIZATION FOR PAIN MANAGEMENT IN KNEE OSTEOARTHRITIS	2020-21	IRAM NISSA	PROF.DR. RIAZ AHMED
47	EFFECTIVENESS OF MANUAL PHYSICAL THERAPY AND EXERCISE IN COMPARISON WITH THERAPEUTIC ULTRASOUND FOR OSTEOARTHRITIS OF KNEE	2020-21	NAGEEN BARKAT	PROF.DR. RIAZ AHMED
48	RANDOMIZED CONTROL TRIAL TO REVIEW THE EFFECTIVENESS OF AEROBIC EXERCISES VERSUS PROGRESSIVE RELAXATION EXERCISES IN IMPROVING MENTAL HEALTH OF UNIVERSITY STUDENTS	2020-21	<i>IQRA</i> NASEEM	PROF.DR. RIAZ AHMED
49	A COMPARISON OF EFFECTS OF HIGH INTENSITY INTERVAL TRAINING VERSUS CONTINUOUS AEROBIC TRAINING ON WEIGHT LOSS IN OVERWEIGHT TO OBESE ADULTS	2020-21	MAHNOOR ZIA	PROF.DR. RIAZ AHMED
50	A RANDOMIZED CONTROL TRIAL TO REVIEW THE EFFECTIVENESS OF TRANSOUTANEOUS ELECTRICAL NERVE STIMULATION VERSUS HEAT THERAPY IN PRIMARY D9SMENORRHEA FOR PAIN RELIEF	2020-21	EZZA RIAZ	PROF.DR. RIAZ AHMED



# RESEARCH PROJECTS UNDER PUBLICATION



SR #	TITLE	DATE	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR
51	A RANDOMIZED CONTROL TRIAL TO REVIEW THE EFFECTIVENESS OF ECCENTRIC CALF MUSCLE TRAINING ALONG WITH CONVENTIONAL PHYSICAL THERAPY IN PATIENTS OF ACHILLES TENDINOPATHY	2020-21	ARAIB KALEEM	PROF.DR. RIAZ AHMED
52	ROLE OF EARLY ORTHOTIC MANAGEMENT IN DECREASING THE INCIDENCE OF AMPUTATION DUE TO DIABETES	2020-21	ERUM SYED	PROF.DR. RIAZ AHMED
53	COMPARISON OF BUDDY TAPING AND POP CAST IN BOXER'S FRACTURE	2020-21	AZKA FAYYAZ	PROF.DR. RIAZ AHMED
54	ORTHOTIC MANAGEMENT OF BURN CONTRACTURE OF WRIST AND HAND	2020-21	KIRAN SABA	PROF.DR. RIAZ AHMED
55	COMPARISON OF EFFECTIVENESS OF STATIC AND FUNCTIONAL ORTHOSIS IN CONGENITAL TALEPESEQUINOVARUS	2020-21	SUNDUS NADEEM	PROF.DR. RIAZ AHMED
56	ORTHOTIC INTERVENTION FOR TREMOR SUSPENSION AND INSTABILITY CONTROL IN PARKINSON PATIENT	2020-21	AQSA TANVEER	PROF.DR. RIAZ AHMED
57	MANAGEMENT OF MINIMALLY DISPLACED FRACTURES OF RADIUS ULNA WITH BRACE AND CONVENTIONAL POP CAST	2020-21	SHAHNILA KANWAL	PROF.DR. RIAZ AHMED
58	ROLE OF FOOT ORTHOSIS IN PAIN MANAGEMENT AND CORRECTION OF DEFORMITIES IN RHEUMATOID ARTHRITIS	2020-21	SYED ARUKHSAR KAZMI	PROF.DR. RIAZ AHMED
59	ROLE OF SPLINTAGE IN MANAGEMENT OF SPINA BIFIDA PATIENTS	2020-21	ANSA	PROF.DR. RIAZ AHMED
60	IMPACT OF DIFFERENT METHODS OF COMPERSATION IN LIMB LENGTH DISCREPANCY	2020-21	AMBER MASOOD	PROF.DR. RIAZ AHMED



# RESEARCH PROJECTS UNDER PUBLICATION

SR #	TITLE	DATE	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR
61	COMPARISON OF POLY PROPYLENE SHEET THUMB SPICA SPLINT AND ALUMINUM THUMB SPICA IN DE QUATRAIN DISEASE A COMPARATIVE STUDY	2020-21	MUHAMMAD WASEEM SADIQ	PROF.DR. RIAZ AHMED
62	THE EFFECTS OF ANKLE FOOT ORTHOSES ON MUSCLE POWER WITH UNILATERAL FOOT DROP	2020-21	JAHANGIR MUSHTAQ	PROF.DR. RIAZ AHMED
63	DESCRIPTIVE STUDY ON DIFFERENT CONSERVATIVE TECHNIQUES USED FOR MANAGING BOXERS FRACTURES	2020-21	AZZKA FAYYAZ	PROF.DR. RIAZ AHMED
64	FOOT CARE KNOWLEDGE AND PRACTICE AMONG DIABETIC PATIENTS	2020-21	ERUM SYED	PROF.DR. RIAZ AHMED
65	KAP ANALYSIS AMONG DOCTORS ABOUT ORTHOSIS AND PROSTHESIS	2020-21	SUNDAS NADEEM	PROF.DR. RIAZ AHMED
66	EFFECTUALNESS OF STATIC AFO IN CP CHILDREN OF DIFFERENT AGE GROUPS	2020-21	ABID HUSSIAN	PROF.DR. RIAZ AHMED
67	USERS SATISFACTION SURVEY WITH ORTHOTICS DEVICES AND SERVICES IN ORTHOPAEDIC REHABILITATION CENTER BBH	2020-21	SADAM HUSSAIN	PROF.DR. RIAZ AHMED
68	PARENTAL ATTITUDE TOWARDS CHILDREN WITH PHYSICAL DISABILITY AND THEIR ACADEMIC PERFORMANCE	2020-21	SHANILA KANWAL	PROF.DR. RIAZ AHMED
69	COMPARISON OF HEALTH RELATED QUALITY OF LIFE AMONG WORKING AND NON WORKING WOMAN	2020-21	RAKEEL MASOOD	PROF.DR. RIAZ AHMED
70	KNOWLEDGE ATTITUDE AND PRACTICE (KAP) ABOUT OSTEOPOROSIS AMONG LADY HEALTH WORKERS OF DISTRICT LAYYAH	2020-21	KIRAN SABA	PROF.DR. RIAZ AHMED

# RESEARCH PROJECTS UNDER PUBLICATION



SR #	TITLE	DATE	PRINCIPAL INVESTIGATOR	CO-INVESTIGATOR
71	EFFECT OF WRIST ORTHOSIS IN PAIN MANAGEMENT FUNCTIONAL ABILITY OF RANGE OF WRIST EXTENSION IN CHRONIC RHEUMATOID ARTHRITIS	2020-21	SYEDA RUKHSAR KAZMI	PROF.DR. RIAZ AHMED
72	SHORT TERM OUTCOME OF ORTHOTIC INTERVENTIONS IN PATIENTS OF SPINA BIFIDA	2020-21	ANSA KHATAB ABBASI	PROF.DR. RIAZ AHMED
73	HEAVY WEIGHT SCHOOL BAGS AND ITS ASSOCIATION WITH MUSCULOSKELETAL PROBLEMS AMONG SCHOOL GOING GIRLS	2020-21	TANZILA ZAHID	PROF. DR. RIAZ AHMED



**RESIDENTS PASSING FCPS-II AND MS ORTHOPAEDIC SURGERY  
EXAMINATIONS  
UNDER SUPERVISION AND MENTORSHIP  
OF  
PROF DR RIAZ AHMED**



# CANDIDATES WHO PASSED FCPS-II & MS ORTHOPAEDIC SURGERY EXAMINATION UNDER SUPERVISION OF PROF DR RIAZ AHMED



<b>Dr. Irfan Zia</b>	<b>2013</b>
<b>Dr. Muhammad Yasir Pervaiz</b>	<b>2013</b>
<b>Dr. Muhammad Sheraz</b>	<b>2013</b>
<b>Dr. Furqan Gilani</b>	<b>2014</b>
<b>Dr. Tayyab Ahmad</b>	<b>2014</b>
<b>Dr. Junaid Javaid</b>	<b>2015</b>
<b>Dr. Rana Muhammad Adnan</b>	<b>2015</b>
<b>Dr. Rahman Rasool Akhtar</b>	<b>2016</b>
<b>Dr. Muhammad Imran Butt</b>	<b>2016</b>
<b>Dr. Zahid Hafeez</b>	<b>2016</b>
<b>Dr. Ali Amjad</b>	<b>2016</b>
<b>Dr. Amir Munir</b>	<b>2016</b>
<b>Dr. Imtiaz Ali Shakir</b>	<b>2016</b>

# CANDIDATES WHO PASSED FCPS-II & MS ORTHOPAEDIC SURGERY EXAMINATION UNDER SUPERVISION OF PROF DR RIAZ AHMED



<b>Dr. Jahanzaib Shah</b>	<b>2016</b>
<b>Dr. Shahzad Anjum</b>	<b>2017</b>
<b>Dr. Umer Liaqat</b>	<b>2017</b>
<b>Dr. Raja Adnan</b>	<b>2017</b>
<b>Dr. Nabeel Sabir</b>	<b>2017</b>
<b>Dr. Muhammad Omer Kaleem</b>	<b>2017</b>
<b>Dr. Bilal Khalid</b>	<b>2017</b>
<b>Dr. Ali Bashir</b>	<b>2018</b>
<b>Dr. Rahman Shanwari</b>	<b>2019</b>
<b>Dr. Umair Saleem</b>	<b>2019</b>
<b>Dr. Aamir Nawaz Khan</b>	<b>2019</b>
<b>Dr. Junaid Khan</b>	<b>2020</b>
<b>Dr. Habiba Ijaz</b>	<b>2020</b>



# CANDIDATES WHO PASSED FCPS-II & MS ORTHOPAEDIC SURGERY EXAMINATION UNDER SUPERVISION OF PROF DR RIAZ AHMED

<b>Dr. Shehryar Zia</b>	<b>2020</b>
<b>Dr. Umair Qamir</b>	<b>2020</b>
<b>DR. Hammad Haider</b>	<b>2021</b>
<b>Dr. Nouman Malik</b>	<b>2021</b>
<b>Dr. Umer Zia</b>	<b>2021</b>

# CELEBRATION DINNER FCPS & MS (ORTHOPAEDICS)





# CELEBRATION DINNER FCPS & MS (ORTHOPAEDICS)





**COURSES AND WORKSHOPS CONDUCTED  
UNDER SUPERVISION AND MENTORSHIP  
OF  
PROF DR RIAZ AHMED**

# COURSES/WORKSHOPS CONDUCTED BY DEPARTMENT OF ORTHOPAEDIC SURGERY



- 1. National Workshop on Health of Elderly 17-20 June, 2013,**  
RMC and Allied Hospitals, Rawalpindi Pakistan
- 2. National Workshop on Health of Elderly 23-26 July, 2013,**  
RMC and Allied Hospitals, Rawalpindi Pakistan
- 3. Deformity correction workshop, 24-08-2014,** Department of  
Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi,  
Pakistan
- 4. Hand surgery workshop (hands on), 25-08-2014,**  
Department of Orthopaedic Surgery, Benazir Bhutto  
Hospital, Rawalpindi, Pakistan



# COURSES/WORKSHOPS CONDUCTED BY DEPARTMENT OF ORTHOPAEDIC SURGERY



5. **Ankle deformity Workshop, 31-08-2014**, Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
6. **Basic arthroscopy workshop, 23-11-2014**, Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
7. **Basic Principles of internal fixation, 15-12-2015**, Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
8. **Total knee Arthroplasty, 16-12-2015**, Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
9. **Advanced Wound Management Workshop, 10-07-2016**, Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan





# **COURSES/WORKSHOPS CONDUCTED BY DEPARTMENT OF ORTHOPAEDIC SURGERY**

- 10. Seminar on prevention, diagnosis and treatment of Osteoporosis, 22-10-2016,**  
Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
- 11. World Osteoporosis day walk 2016, 22-10-2016,** Department of Orthopaedic  
Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
- 12. Modern trends in Arthroplasty Workshop, 17-11-2016,** Department of Orthopaedic  
Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
- 13. Analysis and techniques of Aseptic dressing, 28-11-2016,** Department of  
Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
- 14. Arthroscopy: A Diagnostic Modality, 21-03-2017,** Department of Orthopaedic  
Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan



# COURSES/WORKSHOPS CONDUCTED BY DEPARTMENT OF ORTHOPAEDIC SURGERY

15. **1<sup>st</sup> Basic Spine Workshop, 12-05-2018**, Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
16. **Pelvis and Acetabular fracture management workshop, 07-06-2018**, Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
17. **Symposium on Spine Deformity Evaluation and Management, 26-06-2018**, Department of Orthopaedic Surgery, Benazir Bhutto Hospital, Rawalpindi, Pakistan
18. **Total Knee Arthroplasty Workshop 08-03-2019** Department of Orthopaedic Surgery , Benazir Bhutto Hospital, Rawalpindi , Pakistan



# COURSES/WORKSHOPS CONDUCTED BY DEPARTMENT OF ORTHOPAEDIC SURGERY

## **19. Basic Skill in Knee Arthroscopy Workshop 04-04-2019**

Department of Orthopaedic Surgery , Holy Family Hospital,  
Rawalpindi , Pakistan

## **20. Revision Hip Arthroplasty workshop 21-12-2019**

Department of Orthopaedic Surgery , Holy Family Hospital,  
Rawalpindi , Pakistan

## **21. 23<sup>rd</sup> POA Arthroscopy Workshop 25 to 26-01-2020**

Department of Orthopaedic Surgery, Rawalpindi Medical  
University, Rawalpindi



# COURSES/WORKSHOPS CONDUCTED BY DEPARTMENT OF ORTHOPAEDIC SURGERY





# COURSES/WORKSHOPS CONDUCTED BY DEPARTMENT OF ORTHOPAEDIC SURGERY





**INTERNATIONAL PRESENTATIONS  
UNDER SUPERVISION AND MENTORSHIP  
OF  
PROF DR RIAZ AHMED**

# INTERNATIONAL PRESENTATIONS



1. Oral presentation on “Effect of pre-operative serum vitamin-D levels on post-operative outcome in Total knee arthroplasty” at 40<sup>th</sup> SICOT Orthopaedic World Congress on 5<sup>th</sup> December 2019 held in Muscat, Oman.
2. Oral presentation on “Tourniquet versus No tourniquet in Total knee arthroplasty” at 40<sup>th</sup> SICOT Orthopaedic World Congress on 6<sup>th</sup> December 2019 held in Muscat, Oman.
3. Oral presentation on “Epidemiology of concomitant injuries in skeletally immature patients with pelvic injuries” at 40<sup>th</sup> SICOT Orthopaedic World Congress on 6<sup>th</sup> December 2019 held in Muscat, Oman.
4. E-poster presentation on “Epidemiology of acetabular fractures at a major trauma centre” at Asia Pacific Orthopaedic Association (APOA) Trauma and Foot & Ankle Meeting on 20<sup>th</sup> September 2019 held in Bangkok, Thailand.
5. Oral presentation on “Vitamin-D levels and severity of forearm fractures in children” at 20<sup>th</sup> European Federation of National Associations of Orthopaedics and Traumatology (EFORT) Congress on 5<sup>th</sup> June 2019 held in Lisbon, Portugal.



# INTERNATIONAL PRESENTATIONS



6. Oral presentation on “Effect of Dexamethasone on post-operative pain management in patients undergoing Total Knee Arthroplasty” at 20<sup>th</sup> European Federation of National Associations of Orthopaedics and Traumatology (EFORT) Congress on 5<sup>th</sup> June 2019 held in Lisbon, Portugal.
7. Oral presentation on “Awareness of Orthopaedic doctors and Operation theatre assistants on radiation exposure” at 39<sup>th</sup> SICOT Orthopaedic World Congress held in Montreal, Canada, from 10-13 October 2018.
8. Oral presentation on “Pattern of surgical site infection after elective Orthopaedic surgery in a major Orthopaedic center” at 39<sup>th</sup> SICOT Orthopaedic World Congress held in Montreal, Canada, from 10-13 October 2018.
9. E-poster presentation on “Pattern of pelvic fractures, associated injuries and early complications in patients presenting to a major trauma center” at 39<sup>th</sup> SICOT Orthopaedic World Congress held in Montreal, Canada, from 10-13 October 2018.
10. E-poster presentation on “Are radiographs necessary before kirschner wire removal in supracondylar fracture of humerus in children who have undergone operative procedure?” at 39<sup>th</sup> SICOT Orthopaedic World Congress held in Montreal, Canada, from 10-13 October 2018.





# INTERNATIONAL PRESENTATIONS

11. E-poster presentation on “Is bracing required after open reduction internal fixation of fractures of Tibial plateau?” at 39<sup>th</sup> SICOT Orthopaedic World Congress held in Montreal, Canada, from 10-13 October 2018.
12. Poster presentation on “Vitamin-D levels and low back pain in patients presenting to a tertiary care hospital” at 19<sup>th</sup> European Federation of National Associations of Orthopaedics and Traumatology (EFORT) Congress on 30<sup>th</sup> May 2018 held in Barcelona, Spain.
13. Podium paper presentation on “Incidence and risk factors of infection in total knee arthroplasty: a three-year analysis” at 20<sup>th</sup> Asia Pacific Orthopaedic Association (APOA) Congress, 10<sup>th</sup> – 14<sup>th</sup> April 2018, Antalya, Turkey.
14. Podium paper presentation on “Are sex steroids, bone turnover markers and bone density loss important in men having low trauma distal radius fracture?” at 20<sup>th</sup> Asia Pacific Orthopaedic Association (APOA) Congress, 10<sup>th</sup> – 14<sup>th</sup> April 2018, Antalya, Turkey.
15. E-poster presentation on “Rare site tuberculosis – a case series” at 20<sup>th</sup> Asia Pacific Orthopaedic Association (APOA) Congress, 10<sup>th</sup> – 14<sup>th</sup> April 2018, Antalya, Turkey.



# INTERNATIONAL PRESENTATIONS

16. E-poster presentation on “Incidence and complications of fractures managed by Traditional Bone Setters” at 20<sup>th</sup> Asia Pacific Orthopaedic Association (APOA) Congress, 10<sup>th</sup> – 14<sup>th</sup> April 2018, Antalya, Turkey.
17. E-poster presentation on “Prevalence of Hepatitis B and C and importance of coagulation profile in patients presenting to a tertiary care hospital” at 38<sup>th</sup> SICOT Orthopaedic World Congress, Cape Town, South Africa, 2017.
18. Poster presentation on “Prevalence of Hepatitis B and C and importance of coagulation profile in patients presenting to a tertiary care hospital” at 18<sup>th</sup> European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Vienna, Austria, 2017.
19. Paper presentation on “Epidemiology of trauma patients presenting to Orthopaedic department in a tertiary care hospital” at 9<sup>th</sup> OASAC 2017 International Biennial Conference of Orthopaedic Association of SAARC Countries, Lahore, 2017.
20. Poster presented at the Asia Pacific Orthopaedic Association Trauma and Infection Meeting 2017 held at Le-Meridian hotel, Putrajaya, Malaysia, titled: “Effect of delay in operative treatment on the range of motion in supracondylar humerus fracture”.

# INTERNATIONAL COLLABORATIONS





# INTERNATIONAL COLLABORATIONS





# INTERNATIONAL PRESENTATIONS





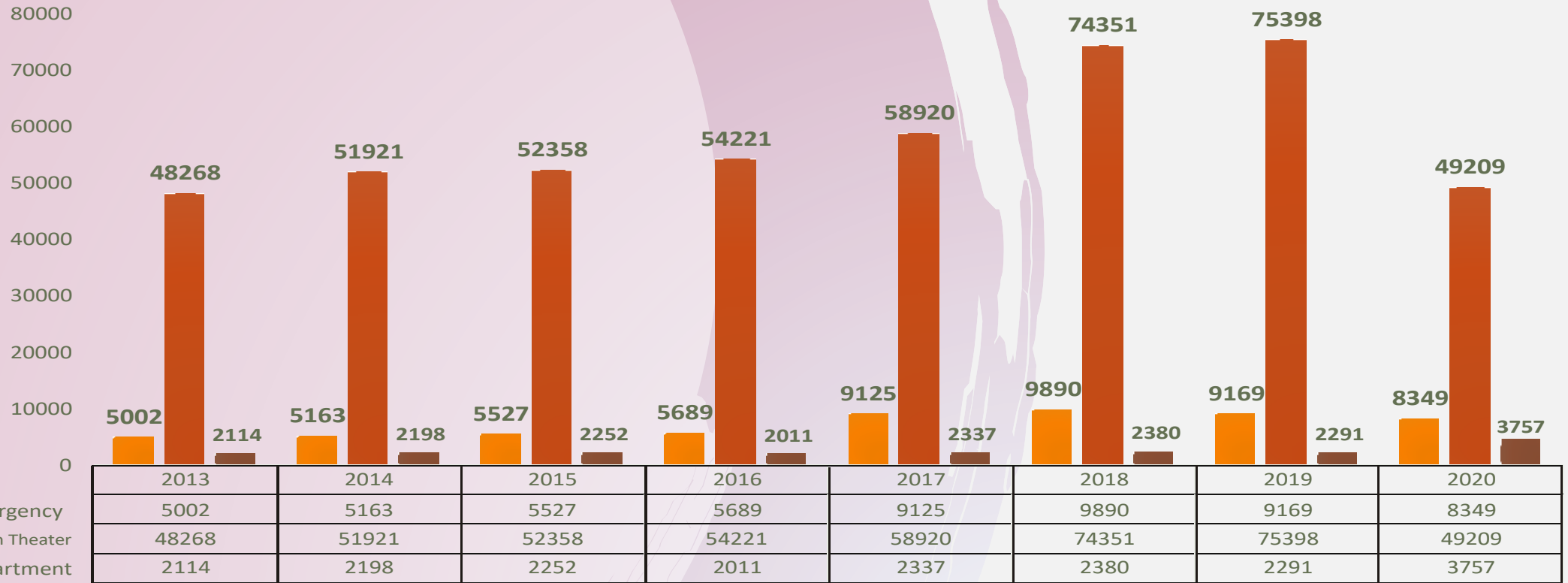
# AUDIT (2013-2020)



# ANNUAL REPORT 2013 - 2020

## DEPARTMENT OF ORTHOPAEDIC SURGERY

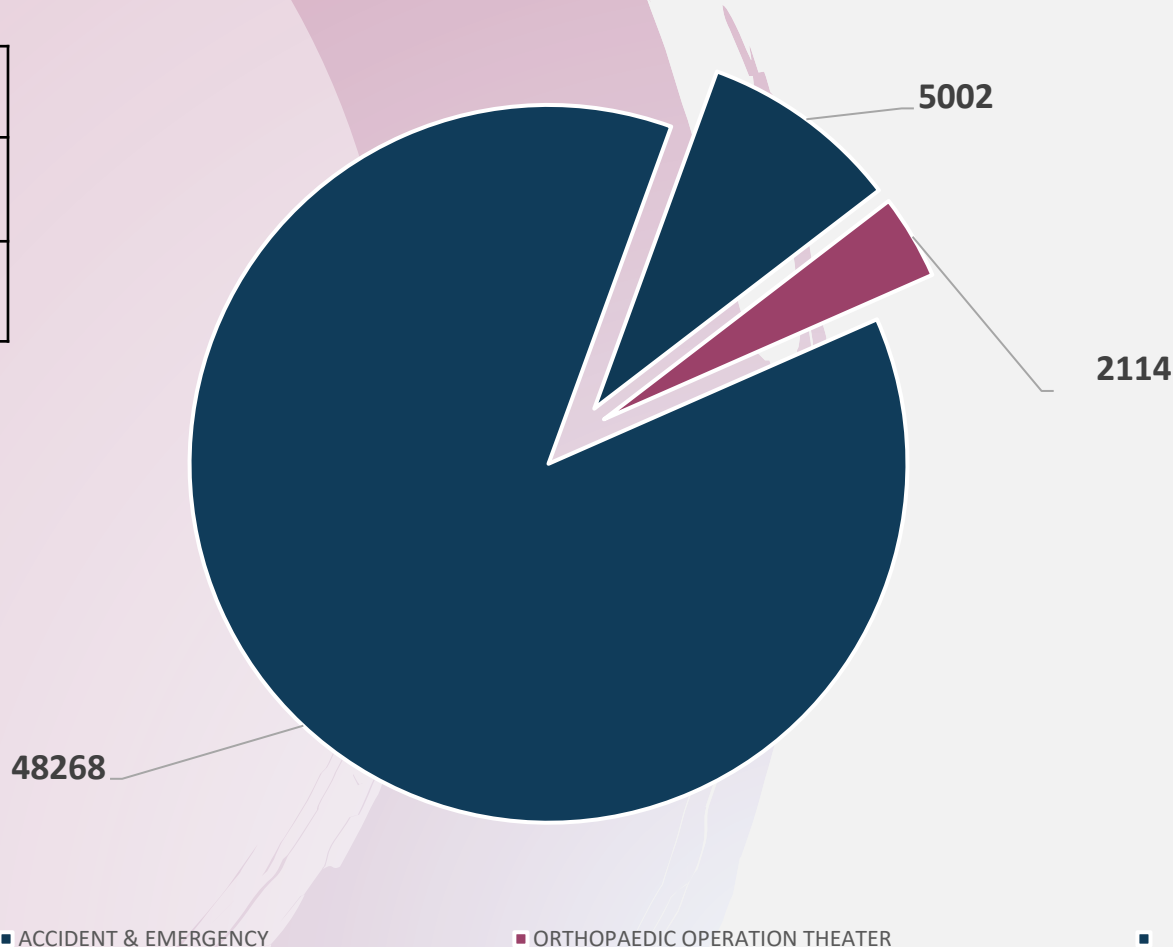
### RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI



# ANNUAL REPORT 2013

## DEPARTMENT OF ORTHOPAEDIC SURGERY RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI

ACCIDENT & EMERGENCY	<b>5002</b>
ORTHOPAEDIC OPERATION THEATER	<b>2114</b>
OUT PATIENT DEPARTMENT	<b>48268</b>



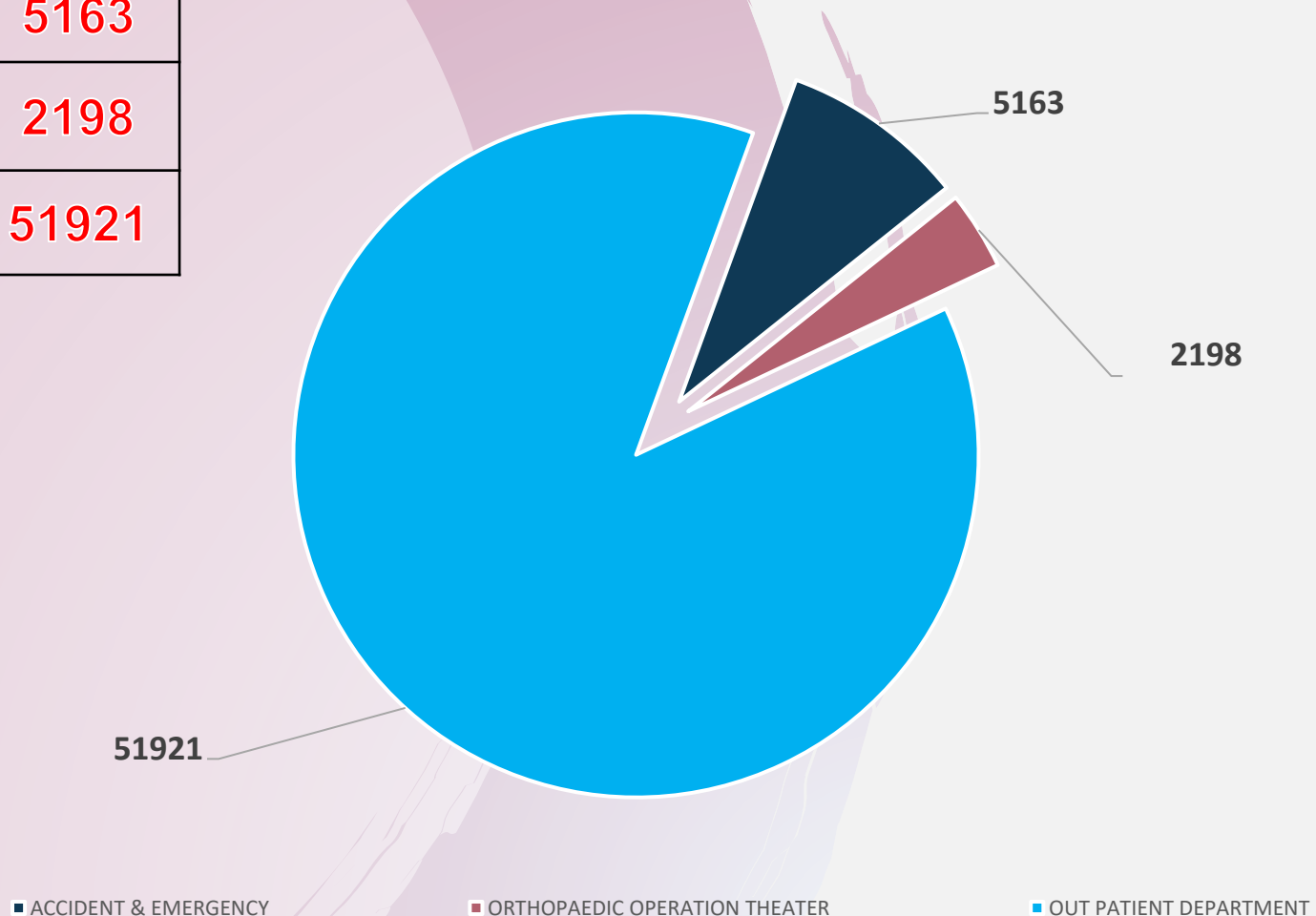




# ANNUAL REPORT 2014

## DEPARTMENT OF ORTHOPAEDIC SURGERY RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI

ACCIDENT & EMERGENCY	5163
ORTHOPAEDIC OPERATION THEATER	2198
OUT PATIENT DEPARTMENT	51921

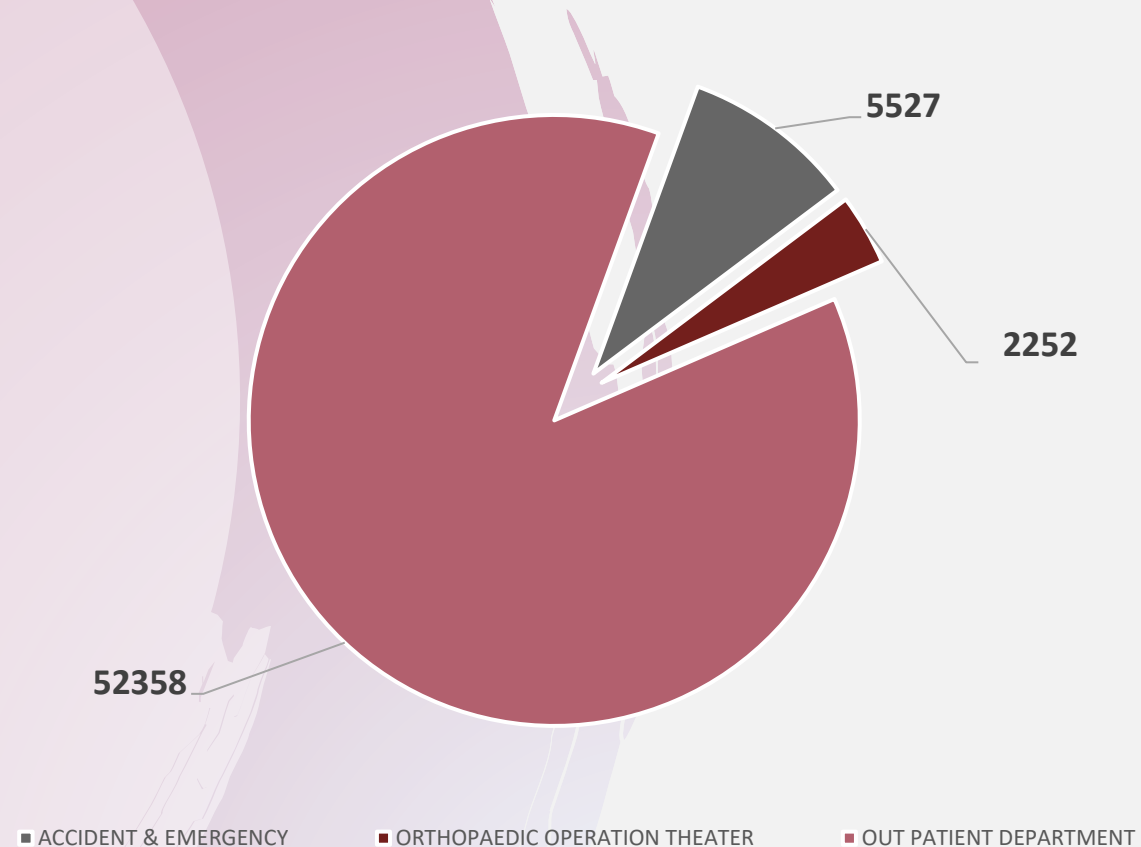




# ANNUAL REPORT 2015

## DEPARTMENT OF ORTHOPAEDIC SURGERY RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI

ACCIDENT & EMERGENCY	5527
ORTHOPAEDIC OPERATION THEATER	2252
OUT PATIENT DEPARTMENT	52358

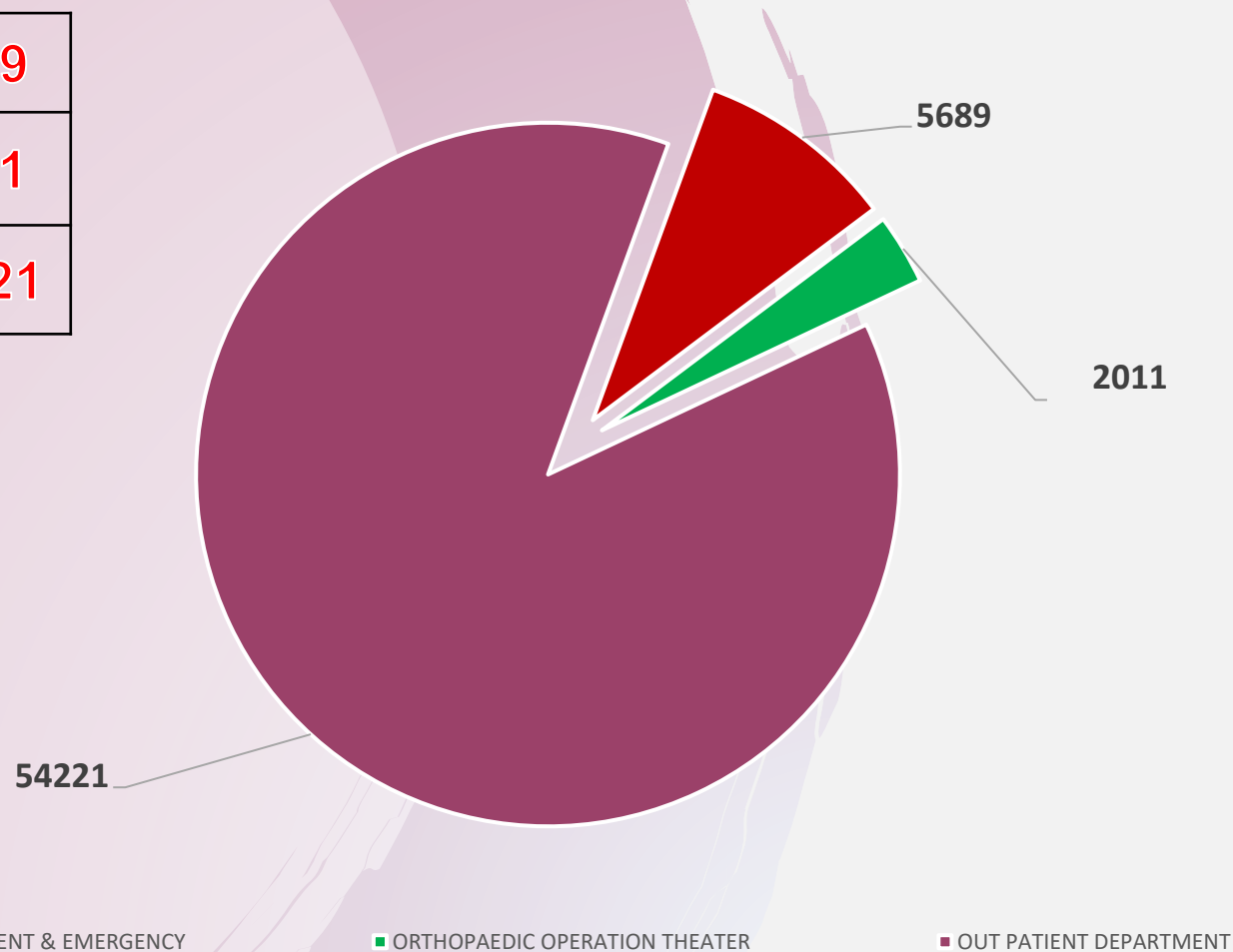




# ANNUAL REPORT 2016

## DEPARTMENT OF ORTHOPAEDIC SURGERY RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI

ACCIDENT & EMERGENCY	5689
ORTHOPAEDIC OPERATION THEATER	2011
OUT PATIENT DEPARTMENT	54221



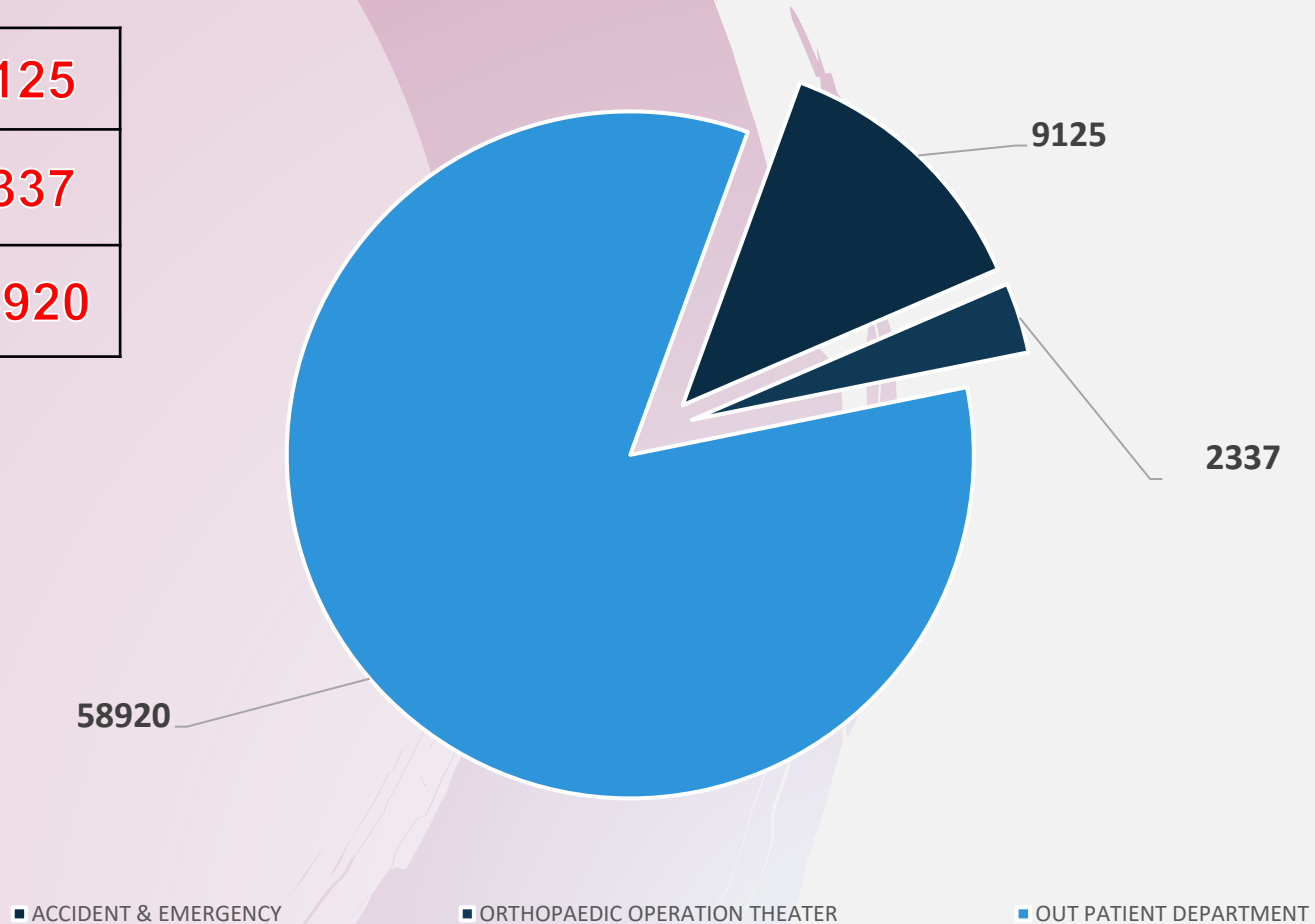


# ANNUAL REPORT 2017

## DEPARTMENT OF ORTHOPAEDIC SURGERY

### RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI

ACCIDENT & EMERGENCY	9125
ORTHOPAEDIC OPERATION THEATER	2337
OUT PATIENT DEPARTMENT	58920



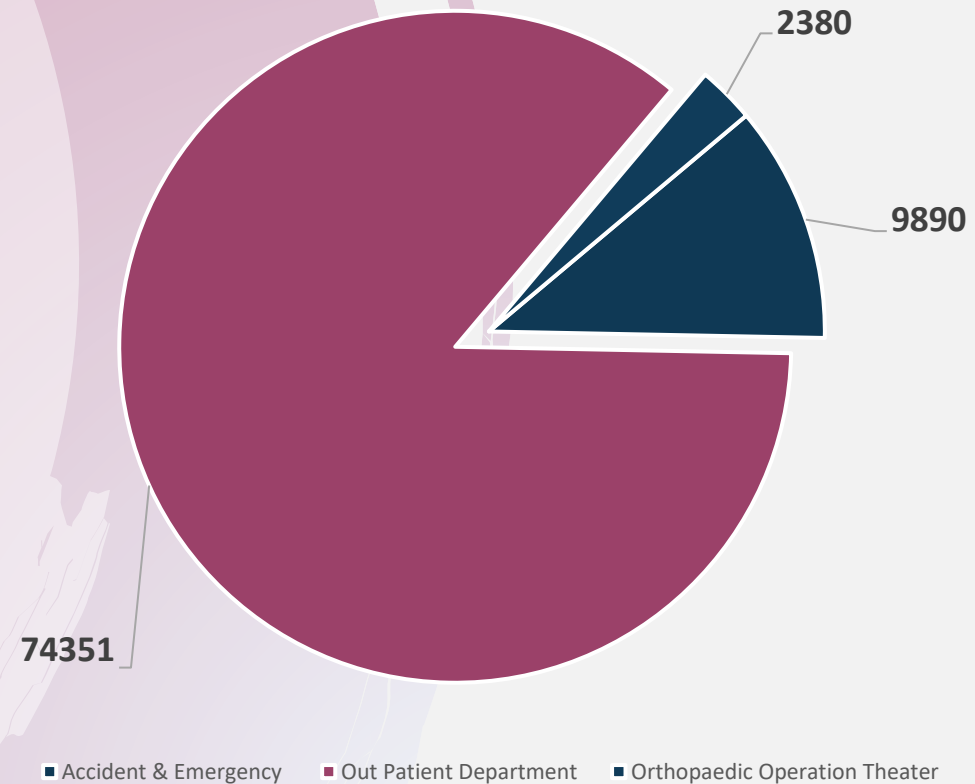




# ANNUAL REPORT 2018

## DEPARTMENT OF ORTHOPAEDIC SURGERY RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI

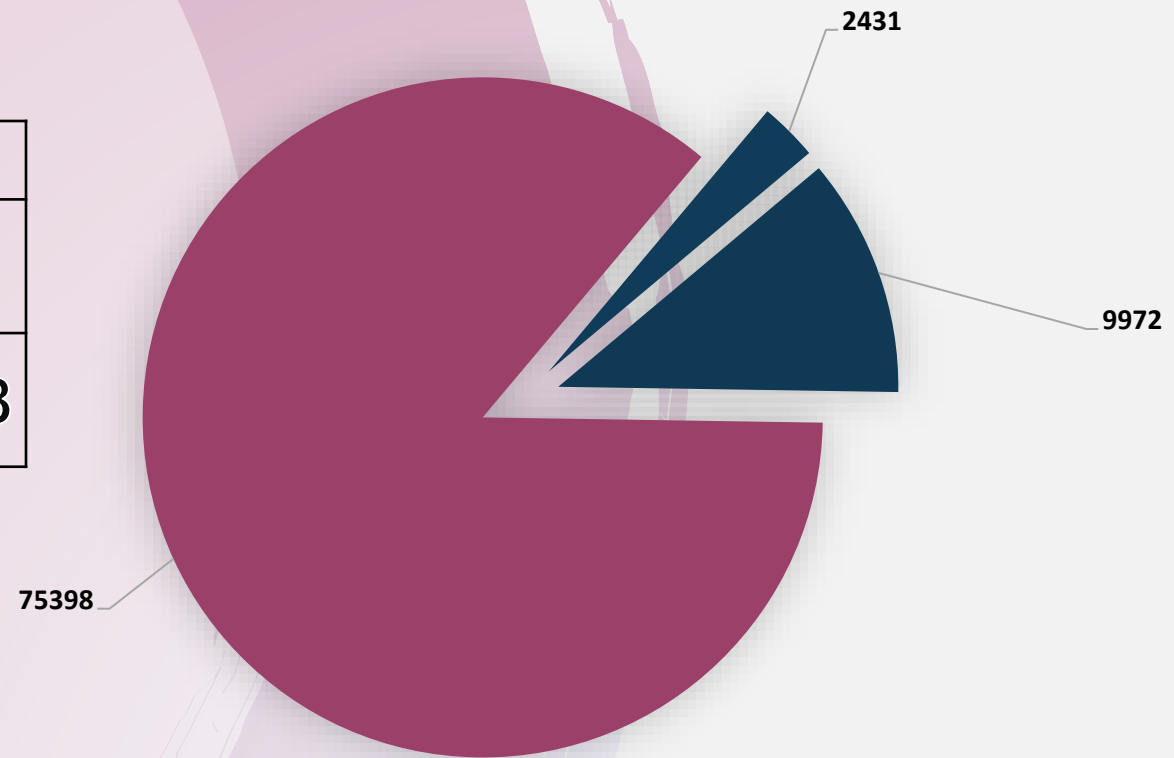
ACCIDENT & EMERGENCY	<b>9890</b>
ORTHOPAEDIC OPERATION THEATER	<b>2380</b>
OUT PATIENT DEPARTMENT	<b>74351</b>



# ANNUAL REPORT 2019

## DEPARTMENT OF ORTHOPAEDIC SURGERY RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI

ACCIDENT & EMERGENCY	9972
ORTHOPAEDIC OPERATION THEATER	2431
OUT PATIENT DEPARTMENT	75398



■ Accident & Emergency   ■ Out Patient Department   ■ Orthopaedic Operation Theater

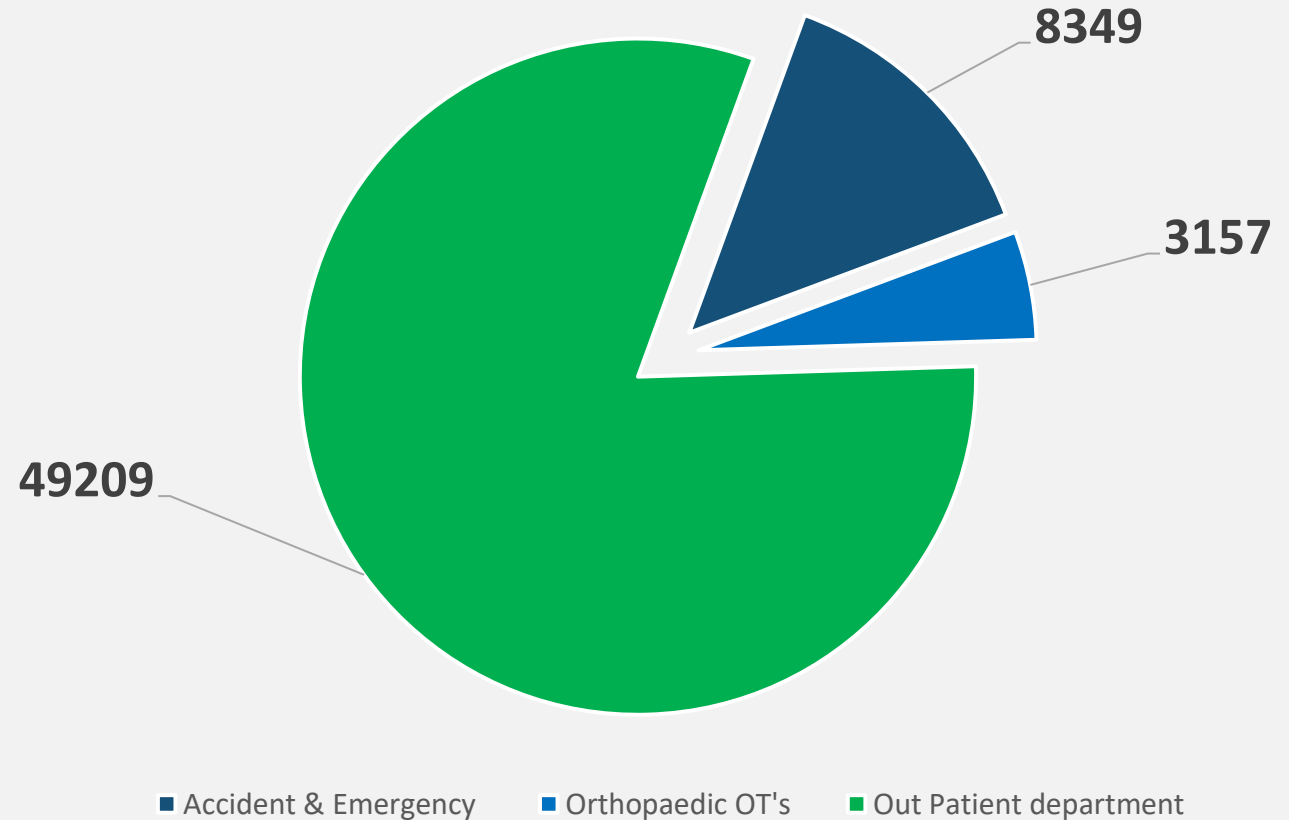


# ANNUAL REPORT 2020

## DEPARTMENT OF ORTHOPAEDIC SURGERY RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI



ACCIDENT & EMERGENCY	8349
ORTHOPAEDIC OPERATION THEATER (Main OT & ER OT)	3157
OUT PATIENT DEPARTMENT	49209





**2013-20**

**TOTAL PATIENTS SEEN IN OUT PATIENT DEPARTMENT = 464646**

**TOTAL PATIENTS SEEN IN EMERGENCY = 57914**

**TOTAL SURGERIES DONE IN OPERATION THEATRE = 17483**





# COVID AND ORTHOPAEDICS IN RMU



# COVID & ORTHOPAEDICS

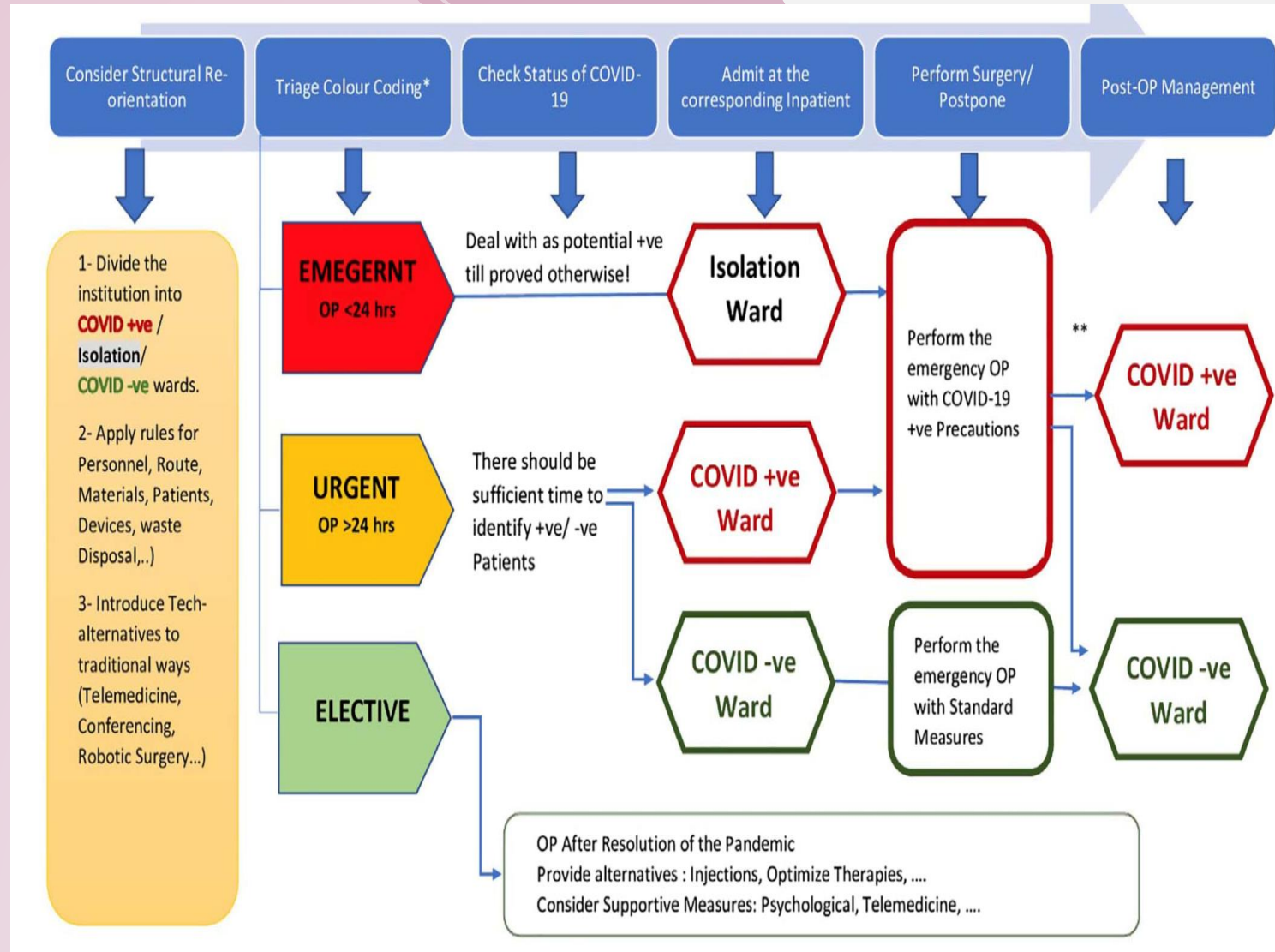
- COVID-19 identified potential infectious threat in China - December 2019.
- 1<sup>st</sup> case reported in Pakistan – 26<sup>th</sup> February 2020 (Karachi).
- Declared pandemic by the World Health Organization (WHO) – 11<sup>th</sup> March 2020.
- Huge burden on health systems around the world.
- Impacted all aspects of medical practice.
- Specialities not directly related to its clinical effects - such as orthopedic surgery.
- Elective surgical procedures postponed - reduce the burden on health system.
- More availability of hospital beds.
- Management of emergent and urgent surgical cases affected.
- Solid understanding of the precautions required for resumption.



# COVID & ORTHOPAEDICS

- Drastic measures undertaken – Social distancing to total lockdown.
- Economic & social affects.
- Patient population in need of hospitalization surpassing available resources.
- Risks posed by shortage of Personal Protective Equipment : non-traditional solutions developed (Reusable gowns, printed face-shields).
- Managing COVID-19 patients with surgical emergencies and trauma - risk of self-infection - higher degree of anxiety and depression.
- Online communication systems flourished.
- To provide meetings for faculty, quick and wide spread of knowledge, & outreach to patients through Telehealth systems.

# SYSTEM OF TRIAGE FOR COVID BY THE DEPARTMENT OF ORTHOPAEDICS







# COVID & ORTHOPAEDICS

## Operating Room Measures Taken: -

- Separate operating room (OR) - designated for COVID-19 positive patients
- OR preferably - Separate ventilation system with negative pressure or HEPA filters
- Air conditioning turned off
- C-Arm shifted to ER
- Materials necessary for case brought to the OR
- All equipment and screens covered with plastic sheets - facilitate decontamination
- Cleaning with surface disinfectants & Ultraviolet light
- Traffic in and out of the OR minimized
- Patient recovered in the operating room & transferred directly to isolation ward
- Number of personnel inside the OR kept to the minimum

# COVID & ORTHOPAEDICS



## Operating Room Measures Taken: -

- Fewest number of personnel in OR.
- Highest skilled surgeon performed the procedure to avoid prolongation of surgery.
- All personnel in the operating room should wear the PPE – surgical gowns, surgical hood (for head and neck covering), double gloves, facemasks either N95, Filtering Face Piece 2 (FFP2) respirators with a face shield/goggles.

## Anaesthesia:

- Dedicated anesthesia machines exclusively designated for COVID-19 positive cases
- Most experienced anesthesiologist - Intubate the patient in the shortest possible time
- Minimal airway manipulation, avoiding face mask ventilation and open-air way suction as possible
- Preferably avoid general anesthesia & use of regional/spinal anesthesia whenever possible

## Surgical Procedure:

- Use of minimally invasive approaches - Decrease operating staff exposure & shorten case duration
- Disposable medical instruments used - whenever possible
- Absorbable sutures for wound closure - avoid a postoperative unnecessary visit
- Use of electrocautery reduced to minimize the surgical smoke
- Use of power tools like bone saws, reamers, and drills reduced to minimum and the power settings as low as possible - release aerosols, increase the risk of virus spread.

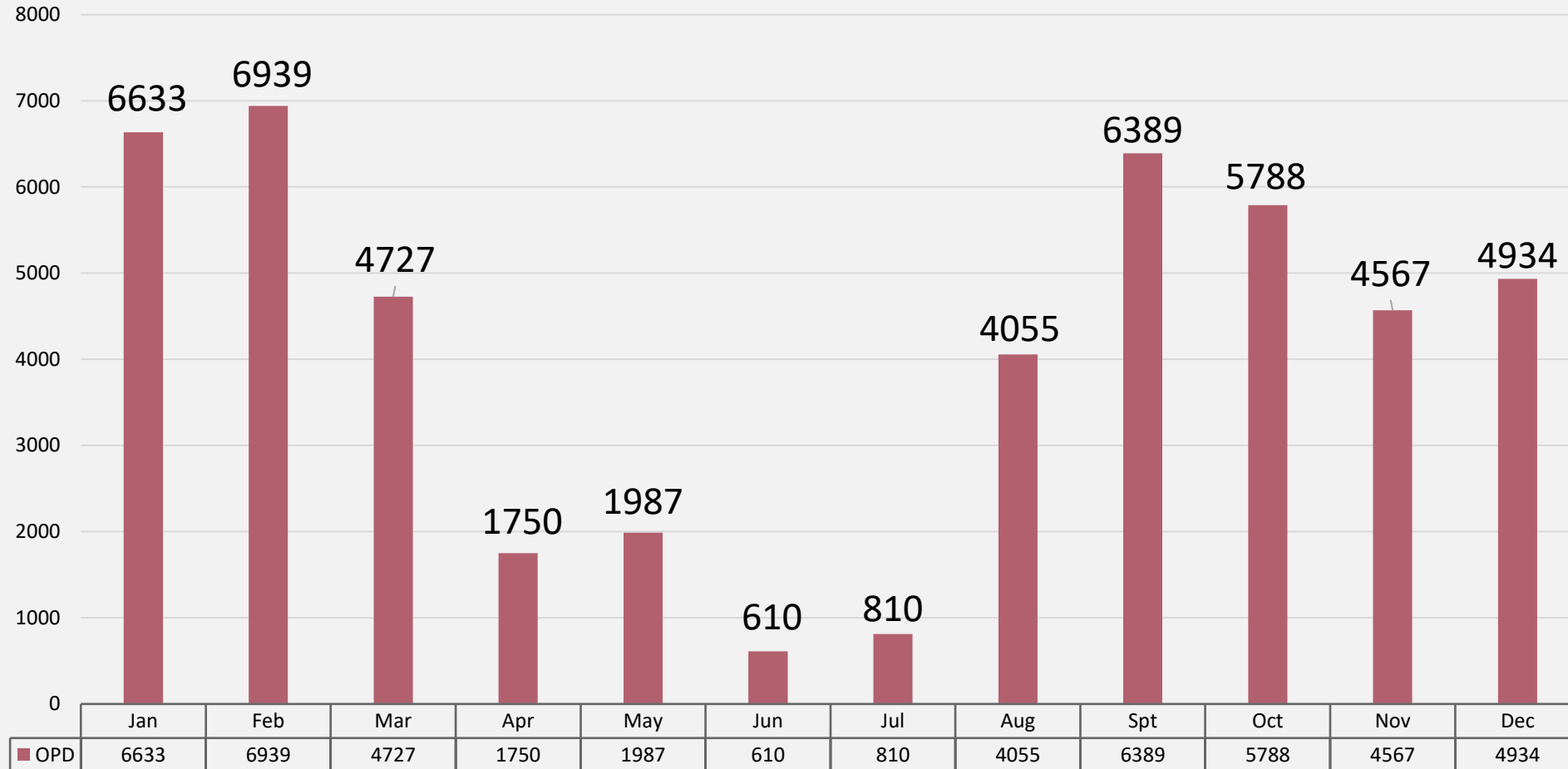


# COVID STATISTICS

# ANNUAL REPORT 2020

## OUT PATIENT DEPARTMENT (OPD) BBH

**Total Patients : 49209**

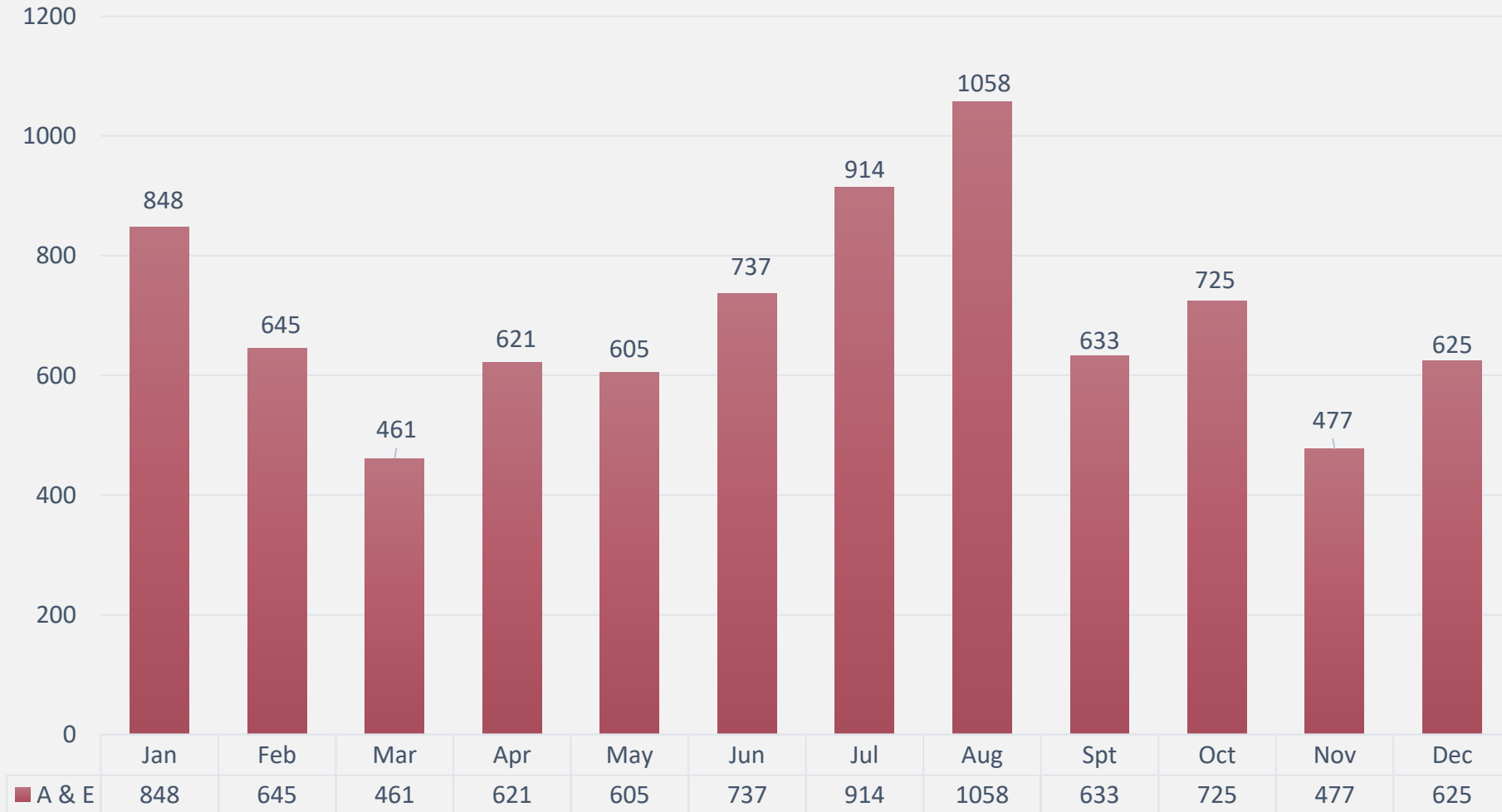




# ANNUAL REPORT 2020

## EMERGENCY DEPARTMENT (A&E)

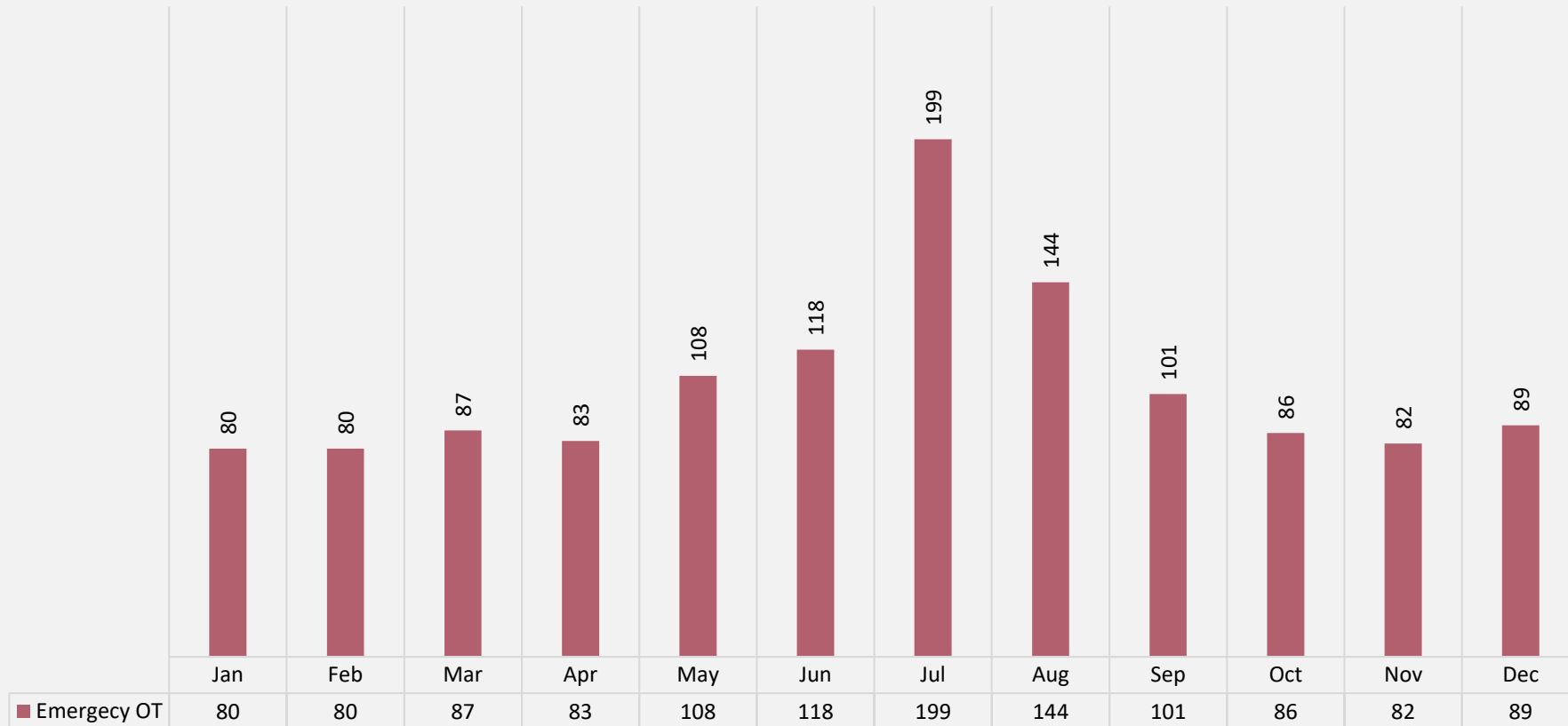
Total Patients : **9972**



# ANNUAL REPORT 2020

## EMERGENCY ORTHOPAEDIC OPERATION THEATER

Total Patients **1257**





# TEACHING SCHEDULE

# DEPARTMENT OF ORTHOPAEDIC SURGERY

## POST GRADATE TRAINEES TEACHING SCHEDULE **(Weekly)**



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>Morning X-ray presentation</b>  <b>Case discussion</b>	Morning X-ray presentation Case discussion Topic presentations Journal Club Short case	Morning X-ray presentation & case discussion	Morning X-ray presentation & case discussion	Morning X-ray presentation & case discussion Topic presentations Long case	Morning X-ray presentation & case discussion	Morning X-ray presentation Case discussion
<b>Elective OT</b> <b>OPD</b> <b>Consultant ward round</b>	OPD Consultant ward round	Elective OT OPD Consultant ward round	Elective OT OPD Consultant ward round	OPD Grand ward round	Elective OT OPD Consultant ward round	Consultant ward round





**POST-GRADUATE TRAINEES WHO TRAINED  
UNDER SUPERVISION  
OF  
PROF DR RIAZ AHMED**

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



#	NAME	RTMC NO	ROTATION TIME PERIOD
1	ADNAN ARIF	OSG-2014-126-1326	10th May 2016 ==> 9th Aug 2016
2	BILAL KHALID	OSG-2014-126-1343	25th Oct 2016 ==> 24th Jan 2017
3	HABIBA IJAZ	OSG-2017-126-1818	1st Apr 2019 ==> 30th Jun 2019
4	MUHAMMAD ALI BASHIR	OSG-2012-126-1138	1st Jun 2014 ==> 31st Aug 2014
5	MUHAMMAD HAIDER	OSG-2016-126-1577	27th Jul 2018 ==> 26th Oct 2018
6	MUHAMMAD NABEEL SABIR	OSG-2014-126-1330	23rd Oct 2016 ==> 22nd Jan 2017
7	MUHAMMAD OMER KALEEM	OSG-2014-126-1342	25th Oct 2016 ==> 24th Jan 2017
8	MUHAMMAD SHEHRYAR ZIA	OSG-2016-126-1618	1st Oct 2018 ==> 31st Dec 2018
9	MUHAMMAD UMAIR QAMMAR	OSG-2015-126-1534	28th Apr 2018 ==> 27th Jul 2018
10	NAUMAN ASHRAF	OSG-2016-126-1614	1st Oct 2018 ==> 31st Dec 2018
11	RAHMAN RASOOL AKHTAR	OSG-2012-126-1086	1st Dec 2013 ==> 28th Feb 2014
12	RAJA ADNAN ASHRAF	OSG-2014-126-1323	10th Jun 2015 ==> 9th Sep 2015
13	SHAFAT RASOOL GORAYA	OSG-2013-126-1192	1st May 2014 ==> 31st Jul 2014

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



14	UMAIR SALEEM	OSG-2013-126-1214	2nd May 2016 ==> 1st Aug 2016
15	UMER ZIA WARRAICH	OSG-2016-126-1578	18th Jul 2018 ==> 17th Oct 2018
16	ZAHID HAFEEZ	OSG-2013-126-1203	10th Oct 2015 ==> 9th Jan 2016
17	AAMNA NAZIR	SGR-2013-126-6152	1st Jul 2014 ==> 30th Sep 2014
18	ABDUL WAHAB	SGR-2016-126-8642	1st Apr 2018 ==> 30th Jun 2018
19	ADEEL AFZAL	SGR-2016-126-8657	1st Oct 2017 ==> 31st Dec 2017
20	ADEELA HUSSAIN KHAN	SGR-2012-126-5758	1st Apr 2013 ==> 30th Jun 2013
21	ADNAN ARIF	SGR-2012-126-5734	1st Apr 2013 ==> 30th Jun 2013
22	AFIA ZULFIQAR	SGR-2013-126-6275	1st May 2014 ==> 31st Jul 2014
23	AFIFA NIAZ	SGR-2017-126-8993	1st Aug 2018 ==> 31st Oct 2018
24	AFTAB AHMAD KHAN	SGR-2014-126-6845	1st Apr 2015 ==> 30th Jun 2015
25	AHMED ABDUL REHMAN BUTT	SGR-2016-126-8648	1st Oct 2017 ==> 31st Dec 2017
26	AHMED JAVED	SGR-2016-126-8150	1st Oct 2017 ==> 31st Dec 2017

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



27	AHMED MUJTABA MALIK	SGR-2016-126-8215	1st Sep 2017 ==> 30th Nov 2017
28	AHMED SALMAN MAJEED	SGR-2019-126-10737	1st May 2020 ==> 31st Jul 2020
29	ALI ATHER AZEEM NAQVI	SGR-2015-126-7356	15th Oct 2016 ==> 14th Jan 2017
30	ALI KAMRAN	SGR-2013-126-6246	1st Aug 2014 ==> 31st Oct 2014
31	ALI TASSADAQ HUSSAIN MINHAS	SGR-2014-126-6848	1st Aug 2015 ==> 31st Oct 2015
32	ALI ULLAH GHOURI	SGR-2017-126-9010	1st Oct 2018 ==> 31st Dec 2018
33	AMJAD UMAIR	SGR-2012-126-6042	1st Jan 2014 ==> 31st Mar 2014
34	AMMAR ZAMAN KHAN	SGR-2016-126-8653	1st Oct 2017 ==> 31st Dec 2017
35	AMNA ARSHAD	SGR-2017-126-9011	1st Jun 2018 ==> 31st Aug 2018
36	AMNA BUTT	SGR-2012-126-5766	1st Jul 2013 ==> 30th Sep 2013
37	AMNA MASUD	SGR-2015-126-7425	1st Nov 2015 ==> 31st Jan 2016
38	ARSALAN RIAZ	SGR-2016-126-8656	1st Jan 2018 ==> 31st Mar 2018
39	ARSLAN ZAHID	SGR-2014-126-6746	1st Jan 2015 ==> 31st Mar 2015
40	ASAD AMIR	SGR-2015-126-7366	1st Mar 2016 ==> 31st May 2016



# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



41	ASAD MAQBOOL	SGR-2013-126-6422	1st Dec 2014 ==> 28th Feb 2015
42	ASMA ALI KHAN	SGR-2017-126-9413	1st Oct 2018 ==> 31st Dec 2018
43	ASMA MEHR	SGR-2015-126-7357	1st Apr 2016 ==> 30th Jun 2016
44	ATIF SHARIF	SGR-2012-126-5770	1st Jun 2013 ==> 31st Aug 2013
45	ATTAH UL MUNAM	SGR-2012-126-6040	1st Apr 2014 ==> 30th Jun 2014
46	AURANGZAIB HAMID	SGR-2017-126-8983	1st Aug 2018 ==> 31st Oct 2018
47	AYESHA MASOOD	SGR-2016-126-8181	1st Mar 2017 ==> 31st May 2017
48	AYSHA ARSHAD	SGR-2017-126-9012	1st Jun 2018 ==> 31st Aug 2018
49	AYSHA HIRA	SGR-2013-126-6178	1st Apr 2014 ==> 30th Jun 2014
50	AZHAR IQBAL	SGR-2013-126-6281	1st Aug 2014 ==> 31st Oct 2014
51	BILAL KHALID	SGR-2012-126-5781	1st Oct 2013 ==> 31st Dec 2013
52	BILAL MEHMOOD	SGR-2018-126-9676	1st Sep 2019 ==> 30th Nov 2019
53	EHSAN -UL -HAQ	SGR-2015-126-7359	1st Apr 2016 ==> 30th Jun 2016

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



54	<b>FAHAD HASSAN</b>	<b>SGR-2016-126-8716</b>	<b>1st Dec 2017 ==&gt; 28th Feb 2018</b>
55	<b>FAISAL IFTIKHAR</b>	SGR-2018-126-10042	1st Dec 2019 ==> 29th Feb 2020
56	<b>FAIZA FIRDOUS</b>	SGR-2016-126-8169	1st Oct 2017 ==> 31st Dec 2017
57	<b>FAKHAR ZAMAN</b>	SGR-2015-126-7427	1st Oct 2016 ==> 31st Dec 2016
58	<b>FARAZ BASHARAT KHAN</b>	SGR-2015-126-7682	1st Dec 2016 ==> 28th Feb 2017
59	<b>FARHAN MUSTAFA KIANI</b>	SGR-2015-126-7413	1st Oct 2016 ==> 31st Dec 2016
60	<b>GHULAM KHADIJA</b>	SGR-2017-126-8996	1st Feb 2018 ==> 30th Apr 2018
61	<b>GHULAM KIBRIYA</b>	SGR-2014-126-6844	1st May 2015 ==> 31st Jul 2015
62	<b>HABIBA IJAZ</b>	SGR-2015-126-7353	1st Jan 2016 ==> 31st Mar 2016
63	<b>HAFIZ BILAL AHMED</b>	SGR-2015-126-7711	1st Aug 2016 ==> 31st Oct 2016
64	<b>HAFIZ HARIS ABDAAL BELA</b>	SGR-2012-126-5779	1st May 2013 ==> 31st Jul 2013
65	<b>HAFIZ MUHAMMAD YAQOOB</b>	SGR-2013-126-6225	1st Aug 2014 ==> 31st Oct 2014
66	<b>HAFIZ MUHAMMAD ZAHID</b>	SGR-2012-126-6082	2nd Apr 2014 ==> 1st Jul 2014

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



67	HAFIZ MUHAMMAD ZUBAIR SAEED	SGR-2014-126-6695	1st Dec 2014 ==> 28th Feb 2015
68	HASNAIN BAQIR GONDAL	SGR-2012-126-5767	1st Jul 2013 ==> 30th Sep 2013
69	HASSAAN ZIA	SGR-2015-126-7739	1st Mar 2017 ==> 31st May 2017
70	HINA SULAIMAN	SGR-2016-126-8697	5th Sep 2017 ==> 4th Dec 2017
71	HIRA YOUNUS	SGR-2011-126-5512	5th Jan 2013 ==> 4th Apr 2013
72	IBIA NAWAZ	SGR-2019-126-10717	1st May 2020 ==> 31st Jul 2020
73	IQRA SHAIKH	SGR-2014-126-7051	1st Dec 2015 ==> 29th Feb 2016
74	IRFAN RASHEED	SGR-2012-126-5765	1st Jul 2013 ==> 30th Sep 2013
75	JAWAD AHMAD	SGR-2016-126-8074	1st Oct 2017 ==> 31st Dec 2017
76	JAWAD AKBAR	SGR-2015-126-7684	1st Feb 2017 ==> 30th Apr 2017
77	JIBRAN BIN ILYAS	SGR-2016-126-8649	25th Jul 2017 ==> 24th Oct 2017
78	JUNAID HASSAN	SGR-2015-126-7422	1st Aug 2016 ==> 31st Oct 2016
79	JUNAID KHAN	SGR-2013-126-6469	1st Nov 2014 ==> 31st Jan 2015
80	KASHIF ABBAS	SGR-2017-126-8992	1st Feb 2018 ==> 30th Apr 2018

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



81	KAYYANI KHIZAR	SGR-2014-126-6846	1st Oct 2015 ==> 31st Dec 2015
82	MAHAM TARIQ	SGR-2016-126-8217	1st Jun 2017 ==> 31st Aug 2017
83	MAHWISH KHAN KHATTAK	SGR-2012-126-5774	18th Nov 2013 ==> 17th Feb 2014
84	MASHOOD ZIA	SGR-2013-126-6421	1st Dec 2014 ==> 28th Feb 2015
85	MEHREEN MASUD QURESHI	SGR-2013-126-6172	1st Apr 2014 ==> 30th Jun 2014
86	MEHWISH CHANGEEZ	SGR-2016-126-8216	1st Jun 2017 ==> 31st Aug 2017
87	MUDASSAR MUSHTAQ	SGR-2012-126-5763	28th Oct 2013 ==> 27th Jan 2014
88	MUHAMMAD MUBEEN BASHIR	SGR-2019-126-10725	1st May 2020 ==> 31st Jul 2020
89	MUHAMMAD ABDUL MALIK	SGR-2017-126-8990	1st Oct 2018 ==> 31st Dec 2018
90	MUHAMMAD ADNAN AFSER	SGR-2013-126-6553	1st Jan 2015 ==> 31st Mar 2015
91	MUHAMMAD AMMAD UL HAQ	SGR-2013-126-6226	1st Aug 2014 ==> 31st Oct 2014
92	MUHAMMAD BILAL KHAN	SGR-2016-126-8652	1st Oct 2017 ==> 31st Dec 2017
93	MUHAMMAD BILAL-E-HABSHI	SGR-2013-126-6177	1st Oct 2014 ==> 31st Dec 2014

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



94	MUHAMMAD FAHEEM KAUSAR	SGR-2016-126-8149	1st Oct 2017 ==> 31st Dec 2017
95	MUHAMMAD HAIDER	SGR-2014-126-6863	1st Aug 2015 ==> 31st Oct 2015
96	MUHAMMAD HAMZA	SGR-2019-126-10727	1st May 2020 ==> 31st Jul 2020
97	MUHAMMAD HASSAAN MANSOOR	SGR-2015-126-7740	1st Dec 2016 ==> 28th Feb 2017
98	MUHAMMAD IHTESHAM	SGR-2015-126-7424	1st Nov 2015 ==> 31st Jan 2016
99	MUHAMMAD ISHAQ	SGR-2015-126-7747	1st Mar 2017 ==> 31st May 2017
100	MUHAMMAD JAMEEL	SGR-2013-126-6270	1st Mar 2014 ==> 31st May 2014
101	MUHAMMAD NABEEL SABIR	SGR-2012-126-5759	1st Apr 2013 ==> 30th Jun 2013
102	MUHAMMAD NASIR	SGR-2013-126-6556	1st Nov 2014 ==> 31st Jan 2015
103	MUHAMMAD NASIR NAWAZ	SGR-2013-126-6158	1st Aug 2014 ==> 31st Oct 2014
104	MUHAMMAD NOFIL ZULFIQAR	SGR-2014-126-6968	1st Oct 2015 ==> 31st Dec 2015
105	MUHAMMAD OMER FRAZ	SGR-2012-126-6052	1st Jan 2014 ==> 31st Mar 2014
106	MUHAMMAD OMER KALEEM	SGR-2012-126-5780	1st Oct 2013 ==> 31st Dec 2013



# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



107	MUHAMMAD RASHID IMRAN	SGR-2014-126-7052	1st Oct 2015 ==> 31st Dec 2015
108	MUHAMMAD SAAD ASHRAF	SGR-2015-126-7744	20th Aug 2016 ==> 19th Nov 2016
109	MUHAMMAD SALMAN SHAFIQUE	SGR-2011-126-5392	1st Jan 2013 ==> 31st Mar 2013
110	MUHAMMAD SHEHRYAR ZIA	SGR-2014-126-6831	1st Aug 2015 ==> 31st Oct 2015
111	MUHAMMAD UMAIR QAMMAR	SGR-2013-126-6471	1st Dec 2014 ==> 28th Feb 2015
112	MUHAMMAD UMER FAYYAZ	SGR-2011-126-5394	15th Apr 2013 ==> 14th Jul 2013
113	MUHAMMAD UMER IQBAL	SGR-2013-126-6230	1st Jul 2014 ==> 30th Sep 2014
114	MUHAMMAD USMAN AKRAM	SGR-2015-126-7678	1st Sep 2016 ==> 30th Nov 2016
115	MUHAMMAD USMAN GHANI	SGR-2013-126-6565	1st Mar 2015 ==> 31st May 2015
116	MUHAMMAD USMAN KAYANI	SGR-2012-126-5769	1st Aug 2013 ==> 31st Oct 2013
117	MUHAMMAD USMAN MALIK	SGR-2011-126-5380	1st Apr 2013 ==> 30th Jun 2013
118	MUHAMMAD ZEESHAN MALIK	SGR-2013-126-6569	5th Jan 2015 ==> 4th Apr 2015
119	MUHAMMAD ZUBAIR	SGR-2014-126-7050	1st Dec 2015 ==> 29th Feb 2016
120	MUJEEB REHMAN	SGR-2011-126-5515	12th Jan 2013 ==> 11th Apr 2013

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



121	MUZNA IFTIKHAR	SGR-2014-126-7039	1st Dec 2015 ==> 29th Feb 2016
122	NAUMAN MANZOOR	SGR-2012-126-5875	1st Feb 2014 ==> 30th Apr 2014
123	NAUMAN SADIQ KIANI	SGR-2016-126-8385	3rd Feb 2018 ==> 2nd May 2018
124	NAVEED AHMAD	SGR-2015-126-7426	1st Nov 2015 ==> 31st Jan 2016
125	NAVEED ULLAH KHAN	SGR-2012-126-5954	1st Dec 2013 ==> 28th Feb 2014
126	NAZAN HASSAN	SGR-2017-126-9196	1st Jan 2018 ==> 31st Mar 2018
127	NEELOFUR HASSAN	SGR-2014-126-6851	2nd Jan 2016 ==> 31st Mar 2016
128	NIDA FARRUKH	SGR-2014-126-6875	1st Oct 2014 ==> 31st Dec 2014
129	OMAIR ARSHAD DAR	SGR-2015-126-7745	1st Apr 2017 ==> 30th Jun 2017
130	OMER FAROOQ	SGR-2016-126-8412	1st Dec 2017 ==> 28th Feb 2018
131	OSAMA AHMAD KHAN	SGR-2012-126-6053	1st Jan 2014 ==> 31st Mar 2014
132	RAFEYA KHAN	SGR-2016-126-8076	1st Jul 2017 ==> 30th Sep 2017
133	RAJA ADNAN ASHRAF	SGR-2012-126-5730	1st Feb 2013 ==> 30th Apr 2013

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



134	RAMEEZ AHMED MUGHAL	SGR-2017-126-8989	1st Oct 2018 ==> 31st Dec 2018
135	RAMEEZ QAISAR	SGR-2015-126-7361	1st Oct 2016 ==> 31st Dec 2016
136	RAMLAH GHAZANFOR	SGR-2014-126-6838	1st Jun 2015 ==> 31st Aug 2015
137	REHAN SITTAR	SGR-2015-126-7709	1st Dec 2016 ==> 28th Feb 2017
138	RIAZ MUNAWAR	SGR-2018-126-9828	1st Oct 2019 ==> 31st Dec 2019
139	SAAD CHEEMA	SGR-2014-126-7044	1st Oct 2015 ==> 31st Dec 2015
140	SAAD SIDDIQUI	SGR-2012-126-5729	1st May 2013 ==> 31st Jul 2013
141	SAADIA ZULFIQAR	SGR-2012-126-5778	2nd Jun 2013 ==> 1st Sep 2013
142	SADAF NAZ	SGR-2013-126-6468	1st May 2015 ==> 31st Jul 2015
143	SADDAF HINA	SGR-2013-126-6156	15th Mar 2014 ==> 14th Jun 2014
144	SADIA GUL JASKANI	SGR-2012-126-5773	1st May 2013 ==> 31st Jul 2013
145	SAJID MAHMOOD	SGR-2015-126-7364	1st Jul 2016 ==> 30th Sep 2016
146	SAQIB MEHMOOD	SGR-2014-126-6852	28th Aug 2015 ==> 27th Nov 2015

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



147	SARA MALIK	SGR-2016-126-8070	1st May 2017 ==> 31st Jul 2017
148	SARDAR MUHAMMAD HARRIS BIN SALEEM	SGR-2016-126-8533	1st Nov 2017 ==> 30th Jan 2018
149	SARMAD ARSLAN	SGR-2016-126-8622	1st Oct 2017 ==> 31st Dec 2017
150	SAROSH AFZAL FAROOQI	SGR-2012-126-5835	1st Oct 2013 ==> 31st Dec 2013
151	SAYYAM FATIMA	SGR-2019-126-10782	17th Feb 2020 ==> 16th May 2020
152	SEHRISH SIDDIQUE	SGR-2014-126-6862	1st Feb 2015 ==> 30th Apr 2015
153	SHAHBAZ ZAFAR	SGR-2011-126-5463	1st Jan 2013 ==> 31st Mar 2013
154	SHAHID HUSSAIN	SGR-2017-126-9514	1st Oct 2018 ==> 31st Dec 2018
155	SHAMS UL ARIFEEN RAUF	SGR-2012-126-5776	26th Apr 2013 ==> 25th Jul 2013
156	SHEHZADA ZULFQAR AHMAD	SGR-2015-126-7751	1st Dec 2016 ==> 28th Feb 2017
157	SHEIKH HASEEB AHMAD	SGR-2013-126-6561	1st Dec 2014 ==> 28th Feb 2015
158	SHOAIB HASAN	SGR-2016-126-8071	1st Apr 2017 ==> 30th Jun 2017
159	SIDRA AHMAD	SGR-2017-126-9044	16th May 2018 ==> 15th Aug 2018
160	SIDRA MEHMOOD	SGR-2015-126-7351	1st Mar 2016 ==> 31st May 2016

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



161	SUMAN AAMIR	SGR-2019-126-10377	5th Jun 2020 ==> 5th Sep 2020
162	SUNDAS YOUNAS	SGR-2017-126-9027	24th Jan 2018 ==> 23rd Apr 2018
163	SYED HAMMAD HAIDER	SGR-2013-126-6470	1st Nov 2014 ==> 31st Jan 2015
164	SYED JAWAD UL HASSAN	SGR-2014-126-7067	1st Jan 2016 ==> 31st Mar 2016
165	SYED WAQAS HASAN	SGR-2016-126-8147	1st Aug 2017 ==> 31st Oct 2017
166	SYED ZOHAIB HAIDER RIZVI	SGR-2016-126-8715	1st Apr 2018 ==> 30th Jun 2018
167	SYEDA HUSSAN E ZAHRA	SGR-2014-126-6856	1st Apr 2015 ==> 30th Jun 2015
168	TABINDA AQSA	SGR-2013-126-6558	1st Mar 2015 ==> 31st May 2015
169	TAHIRA HAMEED	SGR-2014-126-6861	1st Feb 2015 ==> 30th Apr 2015
170	TAMoor AFZAL	SGR-2016-126-8072	1st Apr 2017 ==> 30th Jun 2017
171	TASLEEM AKHTAR	SGR-2012-126-5757	1st May 2013 ==> 31st Jul 2013
172	TATHEER ABBAS	SGR-2015-126-7743	1st Feb 2017 ==> 30th Apr 2017
173	TAYYAB SALEEM MALIK	SGR-2015-126-7367	1st Jan 2016 ==> 31st Mar 2016



# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



174	UMAR ASIF	SGR-2013-126-6554	1st Apr 2015 ==> 30th Jun 2015
175	UMAR MUHAMMAD HUSSAIN	SGR-2017-126-9009	1st Oct 2018 ==> 31st Dec 2018
176	UMBREEN MUNIR MINHAS	SGR-2016-126-8182	1st Oct 2017 ==> 31st Dec 2017
177	UMER ZIA WARRAICH	SGR-2014-126-6749	1st Oct 2014 ==> 31st Dec 2014
178	USMAN SHAFIQUE KHOKHAR	SGR-2016-126-8655	1st Oct 2017 ==> 31st Dec 2017
179	UZMA JAVED GUL	SGR-2013-126-6243	1st Apr 2014 ==> 30th Jun 2014
180	WAHEED IQBAL	SGR-2012-126-6038	1st Mar 2015 ==> 31st May 2015
181	WAJID AHMAD	SGR-2015-126-7683	1st Feb 2017 ==> 30th Apr 2017
182	WAQAS AFZAL	SGR-2014-126-6885	29th Apr 2016 ==> 28th Jul 2016
183	YASIR ABBAS	SGR-2012-126-5760	1st Jul 2013 ==> 30th Sep 2013
184	YASIR IKRAM	SGR-2012-126-6044	1st Jan 2014 ==> 31st Mar 2014
185	YASIR IQBAL	SGR-2013-126-6564	1st Apr 2015 ==> 30th Jun 2015
186	ZAIGHAM NAWAZ AWAN	SGR-2017-126-9448	1st Oct 2018 ==> 31st Dec 2018
187	ZUBAIR AZIZ	SGR-2012-126-6046	1st Dec 2013 ==> 28th Feb 2014

# LIST OF ROTATIONAL POST-GRADUATE TRAINEES ENROLLED



188	HABIBA IJAZ	OSG-2017-126-1818	1st Jan 2019 ==> 31st Mar 2019
189	JUNAID KHAN	OSG-2015-126-1551	15th Apr 2018 ==> 14th Jul 2018
190	MUHAMMAD BILAL KHAN	OSG-2019-126-2170	15th Oct 2020 ==> 14th Jan 2021
191	MUHAMMAD HAIDER	OSG-2016-126-1577	27th Oct 2018 ==> 26th Jan 2019
192	UMER ZIA WARRAICH	OSG-2016-126-1578	18th Oct 2018 ==> 17th Jan 2019
193	SANA ANUM	SGR-2015-126-7742	10th Apr 2017 ==> 19th Jun 2017